

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 400.20608**

Source: 1983 AACS.

**R 400.20609**

Source: 1983 AACS.

**R 400.20610**

Source: 1983 AACS.

**R 400.20611**

Source: 1983 AACS.

**R 400.20612**

Source: 1983 AACS.

**R 400.20613**

Source: 1983 AACS.

**R 400.20614**

Source: 1983 AACS.

**R 400.20615**

Source: 1983 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**  
**BUREAU OF WORKERS' DISABILITY COMPENSATION**

**GENERAL RULES**

**PART 1. RECORDS**

**R 408.31**

Source: 1998-2000 AACS.

**R 408.31a**

Source: 1998-2000 AACS.

**R 408.32**

Source: 1998-2000 AACS.

**R 408.32a**

Source: 1998-2000 AACS.

**R 408.33**

Source: 1998-2000 AACS.

**PART 2. HEARINGS**

**R 408.34**

Source: 1998-2000 AACS.

**R 408.35**

Source: 1998-2000 AACS.

**R 408.36**

Source: 1984 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.37**  
**Source:** 1998-2000 AACS.

**R 408.38**  
**Source:** 1998-2000 AACS.

**R 408.39**  
**Source:** 1998-2000 AACS.

**R 408.40**  
**Source:** 1998-2000 AACS.

**R 408.40a**  
**Source:** 1998-2000 AACS.

**R 408.40b**  
**Source:** 1998-2000 AACS.

**R 408.40c**  
**Source:** 1998-2000 AACS.

**R 408.40d**  
**Source:** 1998-2000 AACS.

**R 408.40e**  
**Source:** 1998-2000 AACS.

**R 408.40f**  
**Source:** 1998-2000 AACS.

**R 408.40g**  
**Source:** 1998-2000 AACS.

**R 408.40h**  
**Source:** 1998-2000 AACS.

**PART 3. INSURANCE**

**R 408.41b**  
**Source:** 1998-2000 AACS.

**R 408.41c**  
**Source:** 1998-2000 AACS.

**R 408.42**  
**Source:** 1998-2000 AACS.

**R 408.42a**  
**Source:** 1998-2000 AACS.

**R 408.42b**  
**Source:** 1998-2000 AACS.

**R 408.43**  
**Source:** 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.43a**  
**Source:** 1998-2000 AACS.

**R 408.43b**  
**Source:** 1998-2000 AACS.

**R 408.43c**  
**Source:** 1998-2000 AACS.

**R 408.43k**  
**Source:** 1998-2000 AACS.

**R 408.43m**  
**Source:** 1998-2000 AACS.

**R 408.43n**  
**Source:** 1998-2000 AACS.

**R 408.43q**  
**Source:** 1998-2000 AACS.

**PART 4. MISCELLANEOUS**

**R 408.44**  
**Source:** 1998-2000 AACS.

**R 408.45**  
**Source:** 1998-2000 AACS.

**R 408.46**  
**Source:** 1998-2000 AACS.

**R 408.48**  
**Source:** 1985 AACS.

**PART 5. REVIEW AND APPEAL**

**R 408.49**  
**Source:** 1998-2000 AACS.

**R 408.50**  
**Source:** 1998-2000 AACS.

**R 408.51**  
**Source:** 1998-2000 AACS.

**R 408.52**  
**Source:** 1998-2000 AACS.

**PART 6. DEFINITIONS**

**R 408.59**  
**Source:** 1984 AACS.

**SKI AREA SAFETY BOARD**

**GENERAL RULES**

**R 408.61**  
**Source:** 1998-2000 AACS.

**R 408.65**  
**Source:** 1998-2000 AACS.

**R 408.66**  
**Source:** 1997 AACS.

**R 408.68**  
**Source:** 1997 AACS.

**R 408.69**  
**Source:** 1997 AACS.

**R 408.70**  
**Source:** 1998-2000 AACS.

**R 408.71**  
**Source:** 1997 AACS.

**R 408.75**  
**Source:** 1998-2000 AACS.

**R 408.76**  
**Source:** 1998-2000 AACS.

**R 408.77**  
**Source:** 1998-2000 AACS.

**R 408.78**  
**Source:** 1998-2000 AACS.

**R 408.79**  
**Source:** 1989 AACS.

**R 408.80**  
**Source:** 1998-2000 AACS.

**R 408.81**  
**Source:** 1998-2000 AACS.

**R 408.82**  
**Source:** 1998-2000 AACS.

**R 408.83**  
**Source:** 1989 AACS.

**R 408.90**  
**Source:** 1989 AACS.

**R 408.91**  
**Source:** 1997 AACS.

**R 408.92**  
**Source:** 1989 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.97**  
**Source:** 1997 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**  
**BUREAU OF SAFETY AND REGULATION**  
**OCCUPATIONAL HEALTH STANDARDS COMMISSION**  
**MINE SAFETY**

**Rule 408.121**  
**Source:** 1998-2000 AACS.

**Rule 408.122**  
**Source:** 1998-2000 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**  
**OCCUPATIONAL HEALTH STANDARDS COMMISSION**  
**ABANDONED AND IDLE MINES**

**R 408.171**  
**Source:** 1998-2000 AACS.

**R 408.172**  
**Source:** 1998-2000 AACS.

**R 408.174**  
**Source:** 1998-2000 AACS.

**R 480.175**  
**Source:** 1998-2000 AACS.

**R 408.176**  
**Source:** 1998-2000 AACS.

**R 408.177**  
**Source:** 1998-2000 AACS.

**R 408.178**  
**Source:** 1998-2000 AACS.

**R 408.179**  
**Source:** 1998-2000 AACS.

**R 408.180**  
**Source:** 1998-2000 AACS.

**BUREAU OF SAFETY AND REGULATION**  
**EMPLOYMENT OF MINORS**

**R 408.201**  
**Source:** 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.202**  
**Source:** 1997 AACS.

**R 408.203**  
**Source:** 1997 AACS.

**R 408.204**  
**Source:** 1997 AACS.

**R 408.205**  
**Source:** 1997 AACS.

**R 408.206**  
**Source:** 1997 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**

**BUREAU OF SAFETY AND REGULATION**

**OCCUPATIONAL HEALTH STANDARDS COMMISSION**

**OXYGEN SUPPLY EQUIPMENT**

**R 408.491**  
**Source:** 1998-2000 AACS.

**R 408.492**  
**Source:** 1998-2000 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**

**OCCUPATIONAL HEALTH STANDARDS COMMISSION**

**HEARINGS**

**R 408.501**  
**Source:** 1998-2000 AACS.

**R 408.502**  
**Source:** 1998-2000 AACS.

**R 408.503**  
**Source:** 1998-2000 AACS.

**R 408.504**  
**Source:** 1998-2000 AACS.

**R 408.505**  
**Source:** 1998-2000 AACS.

**R 408.506**  
**Source:** 1998-2000 AACS.

**BUREAU OF EMPLOYMENT STANDARDS**

**Annual Administrative Code Supplement**  
**2002 Edition**

**GENERAL RULES**

**PART 1. GENERAL PROVISIONS**

**R 408.701**  
**Source:** 1998-2000 AACS.

**R 408.702**  
**Source:** 1998-2000 AACS.

**R 408.703**  
**Source:** 1998-2000 AACS.

**R 408.704**  
**Source:** 1998-2000 AACS.

**R 408.705**  
**Source:** 1998-2000 AACS.

**R 408.706**  
**Source:** 1998-2000 AACS.

**PART 2. OVERTIME COMPENSATION**

**R 408.721**  
**Source:** 1998-2000 AACS.

**R 408.722**  
**Source:** 1998-2000 AACS.

**R 408.723**  
**Source:** 1998-2000 AACS.

**R 408.724**  
**Source:** 1998-2000 AACS.

**R 408.725**  
**Source:** 1998-2000 AACS.

**R 408.726**  
**Source:** 1998-2000 AACS.

**R 408.727**  
**Source:** 1998-2000 AACS.

**R 408.728**  
**Source:** 1998-2000 AACS.

**R 408.729**  
**Source:** 1998-2000 AACS.

**R 408.730**  
**Source:** 1998-2000 AACS.

**R 408.731**  
**Source:** 1997 AACS.

**R 408.732**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1997 AACS.

**R 408.733**

**Source:** 1998-2000 AACS.

**R 408.734**

**Source:** 1998-2000 AACS.

**R 408.735**

**Source:** 1998-2000 AACS.

**DIRECTOR OF LABOR AND WAGE DEVIATION BOARD**  
**CERTIFICATES FOR SHELTERED WORKSHOPS AND**  
**EMPLOYMENT OF HANDICAPPED WORKERS**

**R 408.751**

**Source:** 1997 AACS.

**R 408.752**

**Source:** 1997 AACS.

**R 408.753**

**Source:** 1997 AACS.

**R 408.754**

**Source:** 1997 AACS.

**R 408.755**

**Source:** 1997 AACS.

**R 408.756**

**Source:** 1997 AACS.

**R 408.757**

**Source:** 1997 AACS.

**R 408.758**

**Source:** 1997 AACS.

**R 408.759**

**Source:** 1997 AACS.

**R 408.760**

**Source:** 1997 AACS.

**R 408.761**

**Source:** 1997 AACS.

**R 408.762**

**Source:** 1997 AACS.

**R 408.763**

**Source:** 1997 AACS.

**R 408.764**

**Source:** 1997 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**BUREAU OF EMPLOYMENT STANDARDS**  
**WAGE DEVIATION**

**R 408.771**  
**Source:** 1983 AACS.

**R 408.772**  
**Source:** 1983 AACS.

**R 408.773**  
**Source:** 1983 AACS.

**R 408.774**  
**Source:** 1983 AACS.

**R 408.775**  
**Source:** 1983 AACS.

**R 408.776**  
**Source:** 1983 AACS.

**R 408.777**  
**Source:** 1983 AACS.

**R 408.778**  
**Source:** 1983 AACS.

**R 408.779**  
**Source:** 1983 AACS.

**R 408.780**  
**Source:** 1983 AACS.

**R 408.781**  
**Source:** 1983 AACS.

**R 408.782**  
**Source:** 1983 AACS.

**R 408.783**  
**Source:** 1983 AACS.

**R 408.784**  
**Source:** 1983 AACS.

**R 408.785**  
**Source:** 1983 AACS.

**R 408.786**  
**Source:** 1983 AACS.

**R 408.787**  
**Source:** 1983 AACS.

**DIRECTOR'S OFFICE**  
**CARNIVAL AND AMUSEMENT RIDES**

**Annual Administrative Code Supplement**  
**2002 Edition**

**PART 1. GENERAL PROVISIONS**

**R 408.801**  
**Source:** 1983 AACS.

**R 408.802**  
**Source:** 1983 AACS.

**R 408.803**  
**Source:** 1983 AACS.

**R 408.805**  
**Source:** 1997 AACS.

**R 408.806**  
**Source:** 1983 AACS.

**R 408.807**  
**Source:** 1997 AACS.

**R 408.809**  
**Source:** 1997 AACS.

**R 408.811**  
**Source:** 1997 AACS.

**R 408.813**  
**Source:** 1983 AACS.

**R 408.814**  
**Source:** 1996 AACS.

**R 408.815**  
**Source:** 1997 AACS.

**R 408.816**  
**Source:** 1983 AACS.

**R 408.817**  
**Source:** 1996 AACS.

**R 408.819**  
**Source:** 1983 AACS.

**PART 2. DESIGN, CONSTRUCTION, AND OPERATION**

**R 408.821**  
**Source:** 1983 AACS.

**R 408.822**  
**Source:** 1997 AACS.

**R 408.824**  
**Source:** 1983 AACS.

**R 408.825**  
**Source:** 1983 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.826**  
Source: 1983 AACS.

**R 408.827**  
Source: 1983 AACS.

**R 408.828**  
Source: 1983 AACS.

**R 408.829**  
Source: 1983 AACS.

**R 408.830**  
Source: 1983 AACS.

**R 408.831**  
Source: 1983 AACS.

**R 408.832**  
Source: 1983 AACS.

**R 408.833**  
Source: 1983 AACS.

**R 408.835**  
Source: 1983 AACS.

**R 408.837**  
Source: 1983 AACS.

**R 408.839**  
Source: 1996 AACS.

**R 408.839a**  
Source: 1996 AACS.

**R 408.841**  
Source: 1983 AACS.

**R 408.843**  
Source: 1983 AACS.

**R 408.844**  
Source: 1983 AACS.

**R 408.846**  
Source: 1983 AACS.

**R 408.848**  
Source: 1996 AACS.

**R 408.849**  
Source: 1983 AACS.

**R 408.851**  
Source: 1983 AACS.

**R 408.852**  
Source: 1983 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.854**  
**Source:** 1983 AACS.

**R 408.856**  
**Source:** 1983 AACS.

**PART 3. PROCEDURES**

**R 408.871**  
**Source:** 1983 AACS.

**R 408.872**  
**Source:** 1983 AACS.

**R 408.873**  
**Source:** 1983 AACS.

**R 408.874**  
**Source:** 1983 AACS.

**PART 4. PARTICIPATORY RIDES—GO-KARTS**

**R 408.891a**  
**Source:** 1998-2000 AACS.

**R 408.893**  
**Source:** 1998-2000 AACS.

**R 408.895**  
**Source:** 1998-2000 AACS.

**R 408.897**  
**Source:** 1998-2000 AACS.

**BOILERS**

**PART 1. GENERAL PROVISIONS**

**R 408.4011**  
**Source:** 1998-2000 AACS.

**R 408.4012**  
**Source:** 1998-2000 AACS.

**R 408.4013**  
**Source:** 1998-2000 AACS.

**R 408.4015**  
**Source:** 1998-2000 AACS.

**R 408.4017**  
**Source:** 1998-2000 AACS.

**R 408.4019**  
**Source:** 1998-2000 AACS.

**R 408.4021**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1998-2000 AACs.

**R 408.4023**

**Source:** 1998-2000 AACs.

**R 408.4024**

**Source:** 1998-2000 AACs.

**R 408.4025**

**Source:** 1998-2000 AACs.

**R 408.4026**

**Source:** 1998-2000 AACs.

**R 408.4027**

**Source:** 1998-2000 AACs.

**R 408.4028**

**Source:** 1995 AACs.

**R 408.4031**

**Source:** 2001 AACs.

**R 408.4032**

**Source:** 1998-2000 AACs.

**R 408.4033**

**Source:** 1998-2000 AACs.

**R 408.4035**

**Source:** 1995 AACs.

**R 408.4038**

**Source:** 2001 AACs.

**R 408.4039**

**Source:** 1998-2000 AACs.

**R 408.4043**

**Source:** 1997 AACs.

**R 408.4047**

**Source:** 1998-2000 AACs.

**R 408.4049**

**Source:** 1981 AACs.

**R 408.4051**

**Source:** 1981 AACs.

**R 408.4052**

**Source:** 1995 AACs.

**R 408.4053**

**Source:** 1997 AACs.

**R 408.4055**

**Source:** 1998-2000 AACs.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.4057**  
Source: 1998-2000 AACS.

**R 408.4061**  
Source: 1997 AACS.

**R 408.4063**  
Source: 1997 AACS.

**R 408.4071**  
Source: 1995 AACS.

**R 408.4073**  
Source: 1981 AACS.

**R 408.4075**  
Source: 1995 AACS.

**R 408.4077**  
Source: 1981 AACS.

**R 408.4079**  
Source: 1981 AACS.

**R 408.4081**  
Source: 1995 AACS.

**R 408.4087**  
Source: 1995 AACS.

**R 408.4091**  
Source: 1995 AACS.

**R 408.4093**  
Source: 1995 AACS.

**R 408.4095**  
Source: 1997 AACS.

**R 408.4096**  
Source: 1998-2000 AACS.

**R 408.4099**  
Source: 1995 AACS.

**R 408.4103**  
Source: 1995 AACS.

**R 408.4105**  
Source: 1981 AACS.

**R 408.4107**  
Source: 1995 AACS.

**R 408.4109**  
Source: 1998-2000 AACS.

**R 408.4110**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.4113**  
Source: 1997 AACCS.
- R 408.4114**  
Source: 1998-2000 AACCS.
- R 408.4116**  
Source: 1981 AACCS.
- R 408.4119**  
Source: 1995 AACCS.
- R 408.4120**  
Source: 1997 AACCS.
- R 408.4121**  
Source: 1995 AACCS.
- R 408.4123**  
Source: 1981 AACCS.
- R 408.4125**  
Source: 1995 AACCS.
- R 408.4127**  
Source: 1998-2000 AACCS.
- R 408.4129**  
Source: 1995 AACCS.
- R 408.4139**  
Source: 1995 AACCS.
- R 408.4143**  
Source: 1981 AACCS.
- R 408.4149**  
Source: 1995 AACCS.
- R 408.4159**  
Source: 1997 AACCS.
- R 408.4163**  
Source: 1995 AACCS.
- R 408.4169**  
Source: 1995 AACCS.
- R 408.4172**  
Source: 1995 AACCS.
- R 408.4173**  
Source: 1995 AACCS.
- R 408.4174**  
Source: 1997 AACCS.
- R 408.4177**  
Source: 1981 AACCS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.4179**  
Source: 1995 AACS.

**R 408.4181**  
Source: 1997 AACS.

**R 408.4182**  
Source: 1995 AACS.

**R 408.4183**  
Source: 1997 AACS.

**R 408.4184**  
Source: 1997 AACS.

**R 408.4185**  
Source: 1995 AACS.

**R 408.4186**  
Source: 1995 AACS.

**R 408.4187**  
Source: 1995 AACS.

**R 408.4189**  
Source: 1998-2000 AACS.

**R 408.4191**  
Source: 1997 AACS.

**R 408.4193**  
Source: 1995 AACS.

**R 408.4195**  
Source: 1998-2000 AACS.

**PART 2. EXISTING INSTALLATIONS**  
**STEAM BOILERS**

**R 408.4214**  
Source: 1995 AACS.

**R 408.4270**  
Source: 1985 AACS.

**R 408.4275**  
Source: 1997 AACS.

**PART 3. INSPECTION AND TESTING FOR NEW CONSTRUCTION;**  
**INSTALLATION AND ALTERATION OF BOILERS AND PIPING**

**R 408.4301**  
Source: 1995 AACS.

**R 408.4302**  
Source: 1995 AACS.

**R 408.4303**  
Source: 1995 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.4304**  
Source: 1995 AACS.

**R 408.4306**  
Source: 1997 AACS.

**R 408.4309**  
Source: 1997 AACS.

**R 408.4312**  
Source: 1997 AACS.

**R 408.4315**  
Source: 1997 AACS.

**R 408.4318**  
Source: 1997 AACS.

**R 408.4321**  
Source: 1997 AACS.

**R 408.4324**  
Source: 1997 AACS.

**R 408.4327**  
Source: 1997 AACS.

**R 408.4330**  
Source: 1997 AACS.

**R 408.4333**  
Source: 1997 AACS.

**R 408.4336**  
Source: 1997 AACS.

**R 408.4339**  
Source: 1997 AACS.

**R 408.4342**  
Source: 1997 AACS.

**R 408.4345**  
Source: 1997 AACS.

**R 408.4348**  
Source: 1997 AACS.

**R 408.4351**  
Source: 1997 AACS.

**R 408.4354**  
Source: 1997 AACS.

**R 408.4357**  
Source: 1997 AACS.

**R 408.4360**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.4363**  
Source: 1997 AACS.

**R 408.4366**  
Source: 1997 AACS.

**R 408.4369**  
Source: 1997 AACS.

**R 408.4372**  
Source: 1997 AACS.

**R 408.4375**  
Source: 1997 AACS.

**R 408.4378**  
Source: 1997 AACS.

**R 408.4381**  
Source: 1997 AACS.

**R 408.4384**  
Source: 1997 AACS.

**R 408.4387**  
Source: 1997 AACS.

**R 408.4390**  
Source: 1997 AACS.

**R 408.4393**  
Source: 1997 AACS.

**R 408.4396**  
Source: 1997 AACS.

**PART 4. INSPECTION OF FUSION WELDING**

**R 408.4401**  
Source: 1997 AACS.

**R 408.4402**  
Source: 1997 AACS.

**R 408.4405**  
Source: 1997 AACS.

**R 408.4407**  
Source: 1997 AACS.

**R 408.4409**  
Source: 1997 AACS.

**R 408.4410**  
Source: 1997 AACS.

**R 408.4412**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.4414**  
Source: 1997 AACS.

**R 408.4416**  
Source: 1997 AACS.

**R 408.4418**  
Source: 1997 AACS.

**R 408.4420**  
Source: 1997 AACS.

**R 408.4422**  
Source: 1997 AACS.

**R 408.4424**  
Source: 1997 AACS.

**R 408.4426**  
Source: 1997 AACS.

**R 408.4428**  
Source: 1997 AACS.

**R 408.4430**  
Source: 1997 AACS.

**R 408.4432**  
Source: 1997 AACS.

**R 408.4434**  
Source: 1997 AACS.

**R 408.4436**  
Source: 1997 AACS.

**R 408.4438**  
Source: 1997 AACS.

**R 408.4440**  
Source: 1997 AACS.

**R 408.4442**  
Source: 1997 AACS.

**R 408.4444**  
Source: 1997 AACS.

**R 408.4446**  
Source: 1997 AACS.

**R 408.4448**  
Source: 1997 AACS.

**R 408.4450**  
Source: 1997 AACS.

**R 408.4452**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1997 AACS.

**R 408.4454**

**Source:** 1997 AACS.

**R 408.4456**

**Source:** 1997 AACS.

**R 408.4458**

**Source:** 1997 AACS.

**R 408.4460**

**Source:** 1997 AACS.

**R 408.4462**

**Source:** 1997 AACS.

**R 408.4466**

**Source:** 1997 AACS.

**R 408.4468**

**Source:** 1997 AACS.

**R 408.4470**

**Source:** 1997 AACS.

**R 408.4472**

**Source:** 1997 AACS.

**R 408.4474**

**Source:** 1997 AACS.

**R 408.4476**

**Source:** 1997 AACS.

**R 408.4478**

**Source:** 1997 AACS.

**R 408.4480**

**Source:** 1997 AACS.

**R 408.4482**

**Source:** 1997 AACS.

**R 408.4484**

**Source:** 1997 AACS.

**R 408.4486**

**Source:** 1997 AACS.

**R 408.4488**

**Source:** 1997 AACS.

**R 408.4489**

**Source:** 1997 AACS.

**R 408.4490**

**Source:** 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.4491**  
**Source:** 1997 AACS.

**R 408.4492**  
**Source:** 1997 AACS.

**R 408.4493**  
**Source:** 1997 AACS.

**R 408.4494**  
**Source:** 1997 AACS.

**R 408.4495**  
**Source:** 1997 AACS.

**R 408.4496**  
**Source:** 1997 AACS.

**R 408.4497**  
**Source:** 1997 AACS.

**R 408.4498**  
**Source:** 1997 AACS.

**R 408.4499**  
**Source:** 1997 AACS.

**PART 5. INSERVICE INSPECTION OF BOILERS**

**R 408.4501**  
**Source:** 1995 AACS.

**R 408.4502**  
**Source:** 2001 AACS.

**R 408.4503**  
**Source:** 1995 AACS.

**R 408.4505**  
**Source:** 1998-2000 AACS.

**R 408.4507**  
**Source:** 1998-2000 AACS.

**R 408.4511**  
**Source:** 1998-2000 AACS.

**R 408.4512**  
**Source:** 1998-2000 AACS.

**R 408.4513**  
**Source:** 1998-2000 AACS.

**R 408.4515**  
**Source:** 1998-2000 AACS.

**R 408.4517**  
**Source:** 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.4518**  
Source: 1998-2000 AACS.

**R 408.4522**  
Source: 1995 AACS.

**R 408.4524**  
Source: 1998-2000 AACS.

**R 408.4526**  
Source: 1998-2000 AACS.

**R 408.4529**  
Source: 1998-2000 AACS.

**R 408.4531**  
Source: 1998-2000 AACS.

**R 408.4534**  
Source: 1998-2000 AACS.

**R 408.4536**  
Source: 1998-2000 AACS.

**R 408.4538**  
Source: 1998-2000 AACS.

**R 408.4540**  
Source: 1997 AACS.

**R 408.4542**  
Source: 1997 AACS.

**R 408.4545**  
Source: 1998-2000 AACS.

**R 408.4547**  
Source: 1998-2000 AACS.

**R 408.4550**  
Source: 1998-2000 AACS.

**R 408.4552**  
Source: 1997 AACS.

**R 408.4554**  
Source: 1998-2000 AACS.

**R 408.4556**  
Source: 1997 AACS.

**R 408.4559**  
Source: 1998-2000 AACS.

**R 408.4561**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.4566**  
**Source:** 1998-2000 AACS.

**R 408.4569**  
**Source:** 1998-2000 AACS.

**R 408.4570**  
**Source:** 1995 AACS.

**R 408.4572**  
**Source:** 1998-2000 AACS.

**R 408.4578**  
**Source:** 1998-2000 AACS.

**R 408.4580**  
**Source:** 1998-2000 AACS.

**R 408.4583**  
**Source:** 1998-2000 AACS.

**R 408.4586**  
**Source:** 1998-2000 AACS.

**R 408.4590**  
**Source:** 1998-2000 AACS.

**PART 6. REPAIR OF BOILERS**  
**SCOPE OF RULES FOR REPAIR BY RIVETING**

**R 408.4601**  
**Source:** 1995 AACS.

**R 408.4602**  
**Source:** 1995 AACS.

**R 408.4603**  
**Source:** 1995 AACS.

**R 408.4604**  
**Source:** 1995 AACS.

**R 408.4605**  
**Source:** 1995 AACS.

**R 408.4606**  
**Source:** 1995 AACS.

**R 408.4607**  
**Source:** 1995 AACS.

**R 408.4608**  
**Source:** 1995 AACS.

**R 408.4609**  
**Source:** 1995 AACS.

**R 408.4610**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1995 AACS.

**R 408.4611**

**Source:** 1995 AACS.

**R 408.4612**

**Source:** 1995 AACS.

**R 408.4613**

**Source:** 1995 AACS.

**R 408.4614**

**Source:** 1995 AACS.

**R 408.4615**

**Source:** 1995 AACS.

**R 408.4616**

**Source:** 1995 AACS.

**R 408.4617**

**Source:** 1995 AACS.

**R 408.4618**

**Source:** 1995 AACS.

**R 408.4619**

**Source:** 1995 AACS.

**R 408.4620**

**Source:** 1995 AACS.

**R 408.4621**

**Source:** 1998-2000 AACS.

**R 408.4622**

**Source:** 1995 AACS.

**R 408.4623**

**Source:** 1995 AACS.

**R 408.4624**

**Source:** 1995 AACS.

**R 408.4625**

**Source:** 1995 AACS.

**SCOPE OF RULES FOR REPAIR BY WELDING**

**R 408.4626**

**Source:** 1998-2000 AACS.

**R 408.4627**

**Source:** 1998-2000 AACS.

**R 408.4628**

**Source:** 1995 AACS.

**R 408.4631**



**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1998-2000 AACS.

**R 408.4633**

**Source:** 1998-2000 AACS.

**R 408.4635**

**Source:** 1997 AACS.

**R 408.4637**

**Source:** 1995 AACS.

**R 408.4639**

**Source:** 1997 AACS.

**R 408.4641**

**Source:** 1997 AACS.

**R 408.4643**

**Source:** 1998-2000 AACS.

**R 408.4645**

**Source:** 1997 AACS.

**R 408.4647**

**Source:** 1998-2000 AACS.

**R 408.4649**

**Source:** 1998-2000 AACS.

**R 408.4650**

**Source:** 1998-2000 AACS.

**R 408.4651**

**Source:** 1998-2000 AACS.

**R 408.4653**

**Source:** 1997 AACS.

**R 408.4655**

**Source:** 1997 AACS.

**R 408.4657**

**Source:** 1997 AACS.

**R 408.4659**

**Source:** 1998-2000 AACS.

**R 408.4660**

**Source:** 1995 AACS.

**R 408.4661**

**Source:** 1998-2000 AACS.

**R 408.4662**

**Source:** 1997 AACS.

**R 408.4664**

**Source:** 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.4666**  
Source: 1997 AACS.
- R 408.4667**  
Source: 1995 AACS.
- R 408.4668**  
Source: 1998-2000 AACS.
- R 408.4670**  
Source: 1998-2000 AACS.
- R 408.4671**  
Source: 1998-2000 AACS.
- R 408.4672**  
Source: 1998-2000 AACS.
- R 408.4674**  
Source: 1997 AACS.
- R 408.4675**  
Source: 1998-2000 AACS.
- R 408.4676**  
Source: 1998-2000 AACS.
- R 408.4677**  
Source: 1997 AACS.
- R 408.4678**  
Source: 1997 AACS.
- R 408.4679**  
Source: 1997 AACS.
- R 408.4680**  
Source: 1998-2000 AACS.
- R 408.4682**  
Source: 1998-2000 AACS.
- R 408.4683**  
Source: 1998-2000 AACS.
- R 408.4684**  
Source: 2001 AACS.
- R 408.4686**  
Source: 2001 AACS.
- R 408.4687**  
Source: 2001 AACS.
- R 408.4688**  
Source: 2001 AACS.
- R 408.4689**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1995 AACS.

**R 408.4690**

**Source:** 2001 AACS.

**R 408.4691**

**Source:** 2001 AACS.

**R 408.4692**

**Source:** 1997 AACS.

**R 408.4693**

**Source:** 1998-2000 AACS.

**R 408.4694**

**Source:** 1998-2000 AACS.

**R 408.4695**

**Source:** 1998-2000 AACS.

**R 408.4696**

**Source:** 1997 AACS.

**R 408.4697**

**Source:** 1998-2000 AACS.

**PART 7. BOILER BLOWOFF SYSTEMS**

**R 408.4701**

**Source:** 1998-2000 AACS.

**R 408.4704**

**Source:** 1995 AACS.

**R 408.4711**

**Source:** 1995 AACS.

**R 408.4715**

**Source:** 1997 AACS.

**R 408.4719**

**Source:** 1997 AACS.

**R 408.4723**

**Source:** 1997 AACS.

**R 408.4727**

**Source:** 1995 AACS.

**R 408.4731**

**Source:** 1995 AACS.

**R 408.4739**

**Source:** 1995 AACS.

**R 408.4747**

**Source:** 1995 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.4750**  
**Source:** 1995 AACS.

**R 408.4756**  
**Source:** 1997 AACS.

**R 408.4762**  
**Source:** 1997 AACS.

**R 408.4768**  
**Source:** 1997 AACS.

**R 408.4774**  
**Source:** 1997 AACS.

**R 408.4780**  
**Source:** 1997 AACS.

**R 408.4786**  
**Source:** 1997 AACS.

**R 408.4792**  
**Source:** 1997 AACS.

**R 408.4798**  
**Source:** 1997 AACS.

**PART 8. CONTROLS**

**R 408.4801**  
**Source:** 1995 AACS.

**FUEL CUTOFFS AND FEEDWATER REGULATORS**

**R 408.4853**  
**Source:** 1995 AACS.

**R 408.4857**  
**Source:** 1998-2000 AACS.

**R 408.4859**  
**Source:** 1997 AACS.

**R 408.4861**  
**Source:** 1997 AACS.

**R 408.4863**  
**Source:** 1997 AACS.

**R 408.4865**  
**Source:** 1997 AACS.

**R 408.4869**  
**Source:** 1997 AACS.

**R 408.4871**  
**Source:** 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.4873**  
Source: 1997 AACS.

**R 408.4876**  
Source: 1997 AACS.

**R 408.4879**  
Source: 1997 AACS.

**R 408.4882**  
Source: 1997 AACS.

**R 408.4885**  
Source: 1997 AACS.

**R 408.4888**  
Source: 1997 AACS.

**R 408.4890**  
Source: 1997 AACS.

**PART 9. LOW-PRESSURE SIDE OF REDUCING VALVES**

**R 408.4901**  
Source: 1997 AACS.

**R 408.4910**  
Source: 1997 AACS.

**R 408.4920**  
Source: 1997 AACS.

**R 408.4930**  
Source: 1997 AACS.

**R 408.4940**  
Source: 1997 AACS.

**R 408.4950**  
Source: 1997 AACS.

**R 408.4960**  
Source: 1997 AACS.

**R 408.4970**  
Source: 1997 AACS.

**R 408.4980**  
Source: 1997 AACS.

**R 408.4990**  
Source: 1997 AACS.

**PART 15. HEARINGS**

**R 408.5501**  
Source: 1995 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.5502**  
**Source:** 1997 AACS.

**R 408.5503**  
**Source:** 1997 AACS.

**R 408.5504**  
**Source:** 1997 AACS.

**R 408.5505**  
**Source:** 1997 AACS.

**R 408.5506**  
**Source:** 1997 AACS.

**R 408.5507**  
**Source:** 1997 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**

**BUREAU OF SAFETY AND REGULATION**

**OCCUPATIONAL SAFETY STANDARDS COMMISSION**

**GENERAL RULES**

**R 408.6171**  
**Source:** 1998-2000 AACS.

**BUREAU OF EMPLOYMENT STANDARDS**

**YOUTH EMPLOYMENT STANDARDS**

**PART 1. GENERAL PROVISIONS**

**R 408.6199**  
**Source:** 1988 AACS.

**PART 2. HAZARDOUS OCCUPATIONS IN GENERAL EMPLOYMENT**

**R 408.6201**  
**Source:** 1988 AACS.

**R 408.6202**  
**Source:** 1988 AACS.

**R 408.6203**  
**Source:** 1988 AACS.

**R 408.6204**  
**Source:** 1988 AACS.

**R 408.6205**  
**Source:** 1988 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.6206**  
**Source:** 1988 AACs.

**R 408.6207**  
**Source:** 1988 AACs.

**R 408.6208**  
**Source:** 1988 AACs.

**R 408.6209**  
**Source:** 1988 AACs.

**PART 3. DEVIATIONS FROM ESTABLISHED STANDARDS OR FROM  
LEGAL HOURS OF EMPLOYMENT FOR 16- AND 17-YEAR-OLD MINORS**

**R 408.6301**  
**Source:** 1988 AACs.

**R 408.6302**  
**Source:** 1988 AACs.

**R 408.6303**  
**Source:** 1988 AACs.

**R 408.6304**  
**Source:** 1988 AACs.

**R 408.6305**  
**Source:** 1988 AACs.

**R 408.6306**  
**Source:** 1988 AACs.

**R 408.6307**  
**Source:** 1988 AACs.

**R 408.6308**  
**Source:** 1988 AACs.

**DIRECTOR'S OFFICE**

**ELEVATORS**

**PART 1. GENERAL PROVISIONS**

**R 408.8103**  
**Source:** 1996 AACs.

**R 408.8108**  
**Source:** 1996 AACs.

**R 408.8134**  
**Source:** 1996 AACs.

**R 408.8138**  
**Source:** 1981 AACs.

**R 408.8139**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1996 AACS.

**R 408.8141**

**Source:** 1996 AACS.

**R 408.8145**

**Source:** 1981 AACS.

**R 408.8150**

**Source:** 1985 AACS.

**R 408.8151**

**Source:** 1992 AACS.

**PART 2. EXISTING INSTALLATIONS**

**R 408.8201**

**Source:** 1996 AACS.

**R 408.8202**

**Source:** 1996 AACS.

**R 408.8203**

**Source:** 1981 AACS.

**R 408.8205**

**Source:** 1996 AACS.

**R 408.8215**

**Source:** 1996 AACS.

**R 408.8226**

**Source:** 1996 AACS.

**R 408.8229**

**Source:** 1996 AACS.

**R 408.8231**

**Source:** 1996 AACS.

**R 408.8245**

**Source:** 1996 AACS.

**R 408.8257**

**Source:** 1996 AACS.

**R 408.8262**

**Source:** 1996 AACS.

**R 408.8270**

**Source:** 1996 AACS.

**R 408.8288**

**Source:** 1996 AACS.

**FREIGHT ELEVATORS—CLASS III**

**R 408.8364**

**Source:** 1996 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.8401**  
**Source:** 1996 AACS.

**R 408.8403**  
**Source:** 1996 AACS.

**R 408.8411**  
**Source:** 1996 AACS.

**R 408.8415**  
**Source:** 1996 AACS.

**ONE-MAN ELEVATORS—HAND POWERED**

**R 408.8440**  
**Source:** 1996 AACS.

**ONE-MAN ELEVATORS—ELECTRIC POWERED**

**R 408.8476**  
**Source:** 1996 AACS.

**R 408.8477**  
**Source:** 1996 AACS.

**BELT MANLIFTS**

**R 408.8481**  
**Source:** 1992 AACS.

**R 408.8485**  
**Source:** 1997 AACS.

**R 408.8486**  
**Source:** 1997 AACS.

**R 408.8492**  
**Source:** 1997 AACS.

**R 408.8493**  
**Source:** 1997 AACS.

**PART 3. NEW CONSTRUCTION**

**R 408.8511**  
**Source:** 1985 AACS.

**R 408.8519a**  
**Source:** 1985 AACS.

**R 408.8523a**  
**Source:** 1997 AACS.

**INCLINED STAIRWAY CHAIRLIFTS AND INCLINED AND VERTICAL WHEELCHAIR LIFTS IN  
BUILDINGS OTHER THAN PRIVATE RESIDENCES**

**VERTICAL WHEELCHAIR LIFTS**

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.8531**  
**Source:** 1996 AACS.

**R 408.8532**  
**Source:** 1996 AACS.

**R 408.8533**  
**Source:** 1996 AACS.

**INCLINED WHEELCHAIR LIFTS**

**R 408.8534**  
**Source:** 1996 AACS.

**R 408.8535**  
**Source:** 1996 AACS.

**R 408.8536**  
**Source:** 1996 AACS.

**R 408.8536a**  
**Source:** 1996 AACS.

**R 408.8537**  
**Source:** 1997 AACS.

**INCLINED STAIRWAY CHAIRLIFTS**

**R 408.8537a**  
**Source:** 1996 AACS.

**PRIVATE RESIDENCE**

**INCLINED STAIRWAY CHAIRLIFTS AND INCLINED AND VERTICAL WHEELCHAIR LIFTS**

**PRIVATE RESIDENCE VERTICAL WHEELCHAIR LIFTS**

**R 408.8538**  
**Source:** 1996 AACS.

**R 408.8539**  
**Source:** 1996 AACS.

**R 408.8540**  
**Source:** 1996 AACS.

**PRIVATE RESIDENCE INCLINED WHEELCHAIR LIFTS**

**R 408.8540a**  
**Source:** 1996 AACS.

**R 408.8540b**  
**Source:** 1996 AACS.

**PRIVATE RESIDENCE INCLINED STAIRWAY CHAIRLIFTS**

**R 408.8540c**  
**Source:** 1996 AACS.

**OUTDOOR INCLINE LIFTS**

**R 408.8541**  
Source: 1996 AACS.

**R 408.8544**  
Source: 1996 AACS.

**R 408.8561**  
Source: 1996 AACS.

**R 408.8562**  
Source: 1996 AACS.

**R 408.8563**  
Source: 1996 AACS.

**R 408.8592**  
Source: 1996 AACS.

**PART 4. MODIFICATION OF AMERICAN STANDARD SAFETY CODE**

**R 408.8601**  
Source: 1996 AACS.

**R 408.8612**  
Source: 1997 AACS.

**R 408.8613**  
Source: 1981 AACS.

**R 408.8614**  
Source: 1981 AACS.

**R 408.8615**  
Source: 1996 AACS.

**R 408.8616**  
Source: 1997 AACS.

**R 408.8617**  
Source: 1981 AACS.

**R 408.8618**  
Source: 1996 AACS.

**R 408.8620**  
Source: 1981 AACS.

**R 408.8621**  
Source: 1981 AACS.

**R 408.8631**  
Source: 1981 AACS.

**R 408.8632**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.8632a**  
Source: 1985 AACS.

**R 408.8633**  
Source: 1997 AACS.

**R 408.8634**  
Source: 1996 AACS.

**R 408.8635**  
Source: 1997 AACS.

**R 408.8635a**  
Source: 1997 AACS.

**R 408.8636**  
Source: 1997 AACS.

**HYDRAULIC ELEVATORS**

**R 408.8636a**  
Source: 1992 AACS.

**R 408.8637**  
Source: 1997 AACS.

**R 408.8638**  
Source: 1981 AACS.

**R 408.8639**  
Source: 1996 AACS.

**R 408.8639a**  
Source: 1997 AACS.

**R 408.8639b**  
Source: 1996 AACS.

**R 408.8641**  
Source: 1981 AACS.

**PRIVATE RESIDENCE ELEVATORS**

**R 408.8642**  
Source: 1996 AACS.

**R 408.8643**  
Source: 1996 AACS.

**R 408.8644**  
Source: 1996 AACS.

**R 408.8645**  
Source: 1997 AACS.

**R 408.8646**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.8647**  
Source: 1997 AACS.

**R 408.8648**  
Source: 1996 AACS.

**ESCALATORS**

**R 408.8661**  
Source: 1996 AACS.

**R 408.8662**  
Source: 1996 AACS.

**R 408.8663**  
Source: 1997 AACS.

**INSPECTION AND TESTING OF ELEVATORS, DUMBWAITERS, AND ESCALATORS**

**R 408.8671**  
Source: 1992 AACS.

**R 408.8672**  
Source: 1997 AACS.

**R 408.8673**  
Source: 1997 AACS.

**R 408.8674**  
Source: 1997 AACS.

**FIRE FIGHTERS' SERVICE**

**R 408.8681**  
Source: 1996 AACS.

**R 408.8682**  
Source: 1996 AACS.

**R 408.8683**  
Source: 1996 AACS.

**R 408.8684**  
Source: 1997 AACS.

**R 408.8685**  
Source: 1997 AACS.

**R 408.8690**  
Source: 1981 AACS.

**ALTERATIONS, REPAIRS, AND REPLACEMENTS**

**R 408.8691**  
Source: 1996 AACS.

**R 408.8691a**  
Source: 1996 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.8691b**  
Source: 1996 AACS.

**R 408.8692**  
Source: 1981 AACS.

**R 408.8693**  
Source: 1981 AACS.

**R 408.8694**  
Source: 1981 AACS.

**R 408.8695**  
Source: 1981 AACS.

**PAYMENT OF WAGES AND FRINGE BENEFITS**

**R 408.9001**  
Source: 1998-2000 AACS.

**R 408.9002**  
Source: 1998-2000 AACS.

**R 408.9003**  
Source: 1998-2000 AACS.

**R 408.9004**  
Source: 1998-2000 AACS.

**R 408.9005**  
Source: 1998-2000 AACS.

**R 408.9006**  
Source: 1998-2000 AACS.

**R 408.9007**  
Source: 1998-2000 AACS.

**R 408.9008**  
Source: 1998-2000 AACS.

**R 408.9009**  
Source: 1998-2000 AACS.

**R 408.9010**  
Source: 1998-2000 AACS.

**R 408.9011**  
Source: 1998-2000 AACS.

**R 408.9012**  
Source: 1998-2000 AACS.

**R 408.9013**  
Source: 1998-2000 AACS.

**R 408.9014**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.9015**  
Source: 1998-2000 AACS.

**R 408.9016**  
Source: 1998-2000 AACS.

**R 408.9017**  
Source: 1998-2000 AACS.

**R 408.9018**  
Source: 1982 AACS.

**R 408.9019**  
Source: 1998-2000 AACS.

**R 408.9020**  
Source: 1998-2000 AACS.

**R 408.9021**  
Source: 1998-2000 AACS.

**R 408.9022**  
Source: 1998-2000 AACS.

**R 408.9023**  
Source: 1998-2000 AACS.

**R 408.9024**  
Source: 1998-2000 AACS.

**R 408.9025**  
Source: 1998-2000 AACS.

**R 408.9026**  
Source: 1998-2000 AACS.

**R 408.9027**  
Source: 1998-2000 AACS.

**R 408.9028**  
Source: 1998-2000 AACS.

**R 408.9029**  
Source: 1998-2000 AACS.

**R 408.9030**  
Source: 1998-2000 AACS.

**R 408.9031**  
Source: 1998-2000 AACS.

**R 408.9032**  
Source: 1998-2000 AACS.

**R 408.9033**  
Source: 1998-2000 AACS.

**R 408.9034**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1997 AACS.

**GENERAL INDUSTRY SAFETY STANDARDS**

**PART 1. GENERAL PROVISIONS**

**R 408.10003**

**Source:** 1993 AACS.

**R 408.10015**

**Source:** 1988 AACS.

**R 408.10016**

**Source:** 1983 AACS.

**R 408.10018**

**Source:** 1981 AACS.

**R 408.10032**

**Source:** 1997 AACS.

**R 408.10033**

**Source:** 1993 AACS.

**R 408.10036**

**Source:** 1983 AACS.

**R 408.10037**

**Source:** 1993 AACS.

**R 408.10098**

**Source:** 1993 AACS.

**PART 1A. ABRASIVE WHEELS**

**R 408.10102**

**Source:** 1990 AACS.

**R 408.10103**

**Source:** 1990 AACS.

**R 408.10105**

**Source:** 1990 AACS.

**R 408.10115**

**Source:** 1990 AACS.

**GUARDING PROVISIONS**

**R 408.10121**

**Source:** 1990 AACS.

**R 408.10124**

**Source:** 1990 AACS.

**SPEED PROVISIONS**

**R 408.10171**

**Source:** 1997 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.10172**  
Source: 1997 AACS.

**R 408.10173**  
Source: 1990 AACS.

**R 408.10174**  
Source: 1990 AACS.

**R 408.10175**  
Source: 1990 AACS.

**SPECIAL SPEEDS**

**R 408.10177**  
Source: 1990 AACS.

**OPERATING PROVISIONS**

**R 408.10181**  
Source: 1990 AACS.

**R 408.10186**  
Source: 1990 AACS.

**R 408.10187**  
Source: 1990 AACS.

**R 408.10198**  
Source: 1990 AACS.

**R 408.10199**  
Source: 1990 AACS.

**PART 2. FLOOR AND WALL OPENINGS, STAIRWAYS, AND SKYLIGHTS**

**R 408.10201**  
Source: 1989 AACS.

**R 408.10206**  
Source: 1989 AACS.

**R 408.10208**  
Source: 1989 AACS.

**R 408.10217**  
Source: 1989 AACS.

**R 408.10219**  
Source: 1989 AACS.

**R 408.10223**  
Source: 1989 AACS.

**R 408.10228**  
Source: 1989 AACS.

**R 408.10230**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1989 AACS.

**R 408.10231**

**Source:** 1989 AACS.

**R 408.10233**

**Source:** 1989 AACS.

**R 408.10235**

**Source:** 1989 AACS.

**R 408.10236**

**Source:** 1989 AACS.

**R 408.10237**

**Source:** 1989 AACS.

**R 408.10240**

**Source:** 1989 AACS.

**PART 3. FIXED LADDERS**

**R 408.10305**

**Source:** 1994 AACS.

**R 408.10306**

**Source:** 1994 AACS.

**R 408.10307**

**Source:** 1994 AACS.

**R 408.10308**

**Source:** 1994 AACS.

**R 408.10310**

**Source:** 1994 AACS.

**R 408.10311**

**Source:** 1994 AACS.

**R 408.10323**

**Source:** 1994 AACS.

**R 408.10324**

**Source:** 1994 AACS.

**R 408.10333**

**Source:** 1994 AACS.

**R 408.10342**

**Source:** 1994 AACS.

**R 408.10345**

**Source:** 1994 AACS.

**R 408.10351**

**Source:** 1998-2000 AACS.

**R 408.10354**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1994 AACS.

**R 408.10355**

**Source:** 1994 AACS.

**R 408.10365**

**Source:** 1982 AACS.

**R 408.10371**

**Source:** 1994 AACS.

**R 408.10372**

**Source:** 1994 AACS.

**PART 4. PORTABLE LADDERS**

**R 408.10403**

**Source:** 1981 AACS.

**R 408.10407**

**Source:** 1982 AACS.

**R 408.10426**

**Source:** 1997 AACS.

**R 408.10427**

**Source:** 1981 AACS.

**R 408.10428**

**Source:** 1981 AACS.

**R 408.10431**

**Source:** 1982 AACS.

**R 408.10441**

**Source:** 1981 AACS.

**R 408.10446**

**Source:** 1982 AACS.

**R 408.10447**

**Source:** 1981 AACS.

**R 408.10451**

**Source:** 1981 AACS.

**PART 5. SCAFFOLDING**

**R 408.10502**

**Source:** 1992 AACS.

**R 408.10503**

**Source:** 1992 AACS.

**R 408.10506**

**Source:** 1992 AACS.

**R 408.10507**

**Source:** 1992 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.10508**  
Source: 1992 AACS.

**R 408.10511**  
Source: 1983 AACS.

**R 408.10512**  
Source: 1981 AACS.

**R 408.10513**  
Source: 1983 AACS.

**R 408.10521**  
Source: 1981 AACS.

**R 408.10524**  
Source: 1981 AACS.

**R 408.10525**  
Source: 1983 AACS.

**R 408.10527**  
Source: 1981 AACS.

**R 408.10529**  
Source: 1983 AACS.

**R 408.10532**  
Source: 1983 AACS.

**R 408.10535**  
Source: 1983 AACS.

**R 408.10542**  
Source: 1981 AACS.

**POWERED PLATFORMS**

**R 408.10561**  
Source: 1992 AACS.

**R 408.10562**  
Source: 1992 AACS.

**R 408.10563**  
Source: 1992 AACS.

**R 408.10564**  
Source: 1992 AACS.

**R 408.10565**  
Source: 1992 AACS.

**R 408.10566**  
Source: 1992 AACS.

**R 408.10567**  
Source: 1992 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.10568**  
Source: 1992 AACS.

**R 408.10569**  
Source: 1992 AACS.

**R 408.10570**  
Source: 1992 AACS.

**R 408.10571**  
Source: 1992 AACS.

**R 408.10572**  
Source: 1992 AACS.

**R 408.10573**  
Source: 1992 AACS.

**R 408.10574**  
Source: 1992 AACS.

**R 408.10575**  
Source: 1992 AACS.

**R 408.10576**  
Source: 1992 AACS.

**R 408.10577**  
Source: 1992 AACS.

**R 408.10578**  
Source: 1992 AACS.

**R 408.10579**  
Source: 1992 AACS.

**R 408.10580**  
Source: 1992 AACS.

**R 408.10581**  
Source: 1992 AACS.

**WIRE, FIBER, AND SYNTHETIC ROPE**

**R 408.10582**  
Source: 1992 AACS.

**R 408.10583**  
Source: 1992 AACS.

**R 408.10584**  
Source: 1992 AACS.

**R 408.10585**  
Source: 1992 AACS.

**R 408.10586**  
Source: 1992 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.10587**  
Source: 1992 AACS.

**R 408.10588**  
Source: 1992 AACS.

**R 408.10589**  
Source: 1992 AACS.

**R 408.10590**  
Source: 1992 AACS.

**R 408.10591**  
Source: 1992 AACS.

**R 408.10592**  
Source: 1992 AACS.

**PART 6. FIRE EXITS**

**GENERAL PROVISIONS**

**R 408.10601**  
Source: 1990 AACS.

**R 408.10603**  
Source: 1990 AACS.

**R 408.10604**  
Source: 1990 AACS.

**R 408.10605**  
Source: 1990 AACS.

**R 408.10608**  
Source: 1990 AACS.

**R 408.10611**  
Source: 1990 AACS.

**CLASSES OF OCCUPANCY AND HAZARD OF CONTENTS**

**R 408.10621**  
Source: 1990 AACS.

**R 408.10623**  
Source: 1993 AACS.

**R 408.10624**  
Source: 1993 AACS.

**MEANS OF EGRESS**

**R 408.10634**  
Source: 1990 AACS.

**R 408.10636**  
Source: 1990 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.10639**  
Source: 1990 AACS.

**R 408.10644**  
Source: 1990 AACS.

**R 408.10645**  
Source: 1990 AACS.

**R 408.10647**  
Source: 1990 AACS.

**R 408.10664**  
Source: 1990 AACS.

**R 408.10679**  
Source: 1998-2000 AACS.

**R 408.10695**  
Source: 1990 AACS.

**PART 7. GUARDS FOR POWER TRANSMISSION**

**R 408.10703**  
Source: 1982 AACS.

**R 408.10711**  
Source: 1982 AACS.

**R 408.10712**  
Source: 1982 AACS.

**R 408.10713**  
Source: 1982 AACS.

**R 408.10714**  
Source: 1997 AACS.

**R 408.10715**  
Source: 1982 AACS.

**R 408.10716**  
Source: 1982 AACS.

**R 408.10721**  
Source: 1982 AACS.

**R 408.10722**  
Source: 1982 AACS.

**R 408.10725**  
Source: 1982 AACS.

**R 408.10726**  
Source: 1982 AACS.

**R 408.10727**  
Source: 1982 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.10730**  
Source: 1982 AACS.

**R 408.10731**  
Source: 1982 AACS.

**R 408.10734**  
Source: 1982 AACS.

**R 408.10741**  
Source: 1982 AACS.

**R 408.10744**  
Source: 1982 AACS.

**R 408.10753**  
Source: 1982 AACS.

**R 408.10754**  
Source: 1982 AACS.

**R 408.10757**  
Source: 1997 AACS.

**R 408.10763**  
Source: 1982 AACS.

**PART 8. PORTABLE FIRE EXTINGUISHERS**

**GENERAL PROVISIONS**

**R 408.10801**  
Source: 1984 AACS.

**R 408.10813**  
Source: 1984 AACS.

**R 408.10814**  
Source: 1980 AACS.

**DISTRIBUTION**

**R 408.10822**  
Source: 1984 AACS.

**R 408.10823**  
Source: 1980 AACS.

**R 408.10833**  
Source: 1980 AACS.

**INSTALLATION, INSPECTION, TESTING, AND MAINTENANCE**

**R 408.10835**  
Source: 1984 AACS.

**R 408.10836**  
Source: 1984 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.10839**  
**Source:** 1984 AACS.

**PART 9. FIXED FIRE EQUIPMENT**

**GENERAL PROVISIONS**

**R 408.10901**  
**Source:** 1984 AACS.

**R 408.10903**  
**Source:** 1984 AACS.

**R 408.10913**  
**Source:** 1984 AACS.

**R 408.10919**  
**Source:** 1984 AACS.

**R 408.10920**  
**Source:** 1984 AACS.

**AUTOMATIC SPRINKLER SYSTEMS**

**R 408.10921**  
**Source:** 1984 AACS.

**R 408.10925**  
**Source:** 1984 AACS.

**R 408.10926**  
**Source:** 1984 AACS.

**R 408.10928**  
**Source:** 1984 AACS.

**STANDPIPE AND HOSE SYSTEMS**

**R 408.10931**  
**Source:** 1984 AACS.

**R 408.10934**  
**Source:** 1984 AACS.

**R 408.10936**  
**Source:** 1997 AACS.

**R 408.10937**  
**Source:** 1984 AACS.

**CARBON DIOXIDE SYSTEMS**

**R 408.10941**  
**Source:** 1984 AACS.

**DRY CHEMICAL SYSTEMS**

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.10951**  
Source: 1984 AACS.

**R 408.10952**  
Source: 1984 AACS.

**FOAM SYSTEMS**

**R 408.10961**  
Source: 1984 AACS.

**R 408.10963**  
Source: 1984 AACS.

**R 408.10964**  
Source: 1984 AACS.

**R 408.10965**  
Source: 1984 AACS.

**HALOGENATED EXTINGUISHING SYSTEMS**

**R 408.10971**  
Source: 1984 AACS.

**LOCAL FIRE ALARM SYSTEMS**

**R 408.10981**  
Source: 1984 AACS.

**R 408.10983**  
Source: 1984 AACS.

**FIRE DETECTION SYSTEMS**

**R 408.10991**  
Source: 1984 AACS.

**R 408.10993**  
Source: 1984 AACS.

**R 408.10995**  
Source: 1984 AACS.

**R 408.10999**  
Source: 1984 AACS.

**PART 11. POLISHING, BUFFING, AND ABRADING**

**R 408.11111**  
Source: 1983 AACS.

**PART 12. WELDING AND CUTTING**

**R 408.11205**  
Source: 1988 AACS.

**R 408.11211**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1983 AACS.

**R 408.11212**

**Source:** 1988 AACS.

**R 408.11213**

**Source:** 1988 AACS.

**R 408.11214**

**Source:** 1997 AACS.

**R 408.11222**

**Source:** 1988 AACS.

**R 408.11225**

**Source:** 1988 AACS.

**R 408.11232**

**Source:** 1981 AACS.

**R 408.11234**

**Source:** 1981 AACS.

**R 408.11242**

**Source:** 1981 AACS.

**R 408.11281**

**Source:** 1988 AACS.

**R 408.11292**

**Source:** 1981 AACS.

**R 408.11294**

**Source:** 1981 AACS.

**R 408.11297**

**Source:** 1997 AACS.

**R 408.11298**

**Source:** 1981 AACS.

**R 408.11299**

**Source:** 1981 AACS.

**PART 13. DERRICKS**

**R 408.11301**

**Source:** 1982 AACS.

**PART 14. CONVEYORS**

**R 408.11436**

**Source:** 1997 AACS.

**PART 16. LABELING OF HAZARDOUS SUBSTANCES**

**R 408.11601**

**Source:** 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.11602**  
**Source:** 1997 AACS.

**R 408.11603**  
**Source:** 1997 AACS.

**R 408.11604**  
**Source:** 1997 AACS.

**R 408.11605**  
**Source:** 1997 AACS.

**R 408.11606**  
**Source:** 1997 AACS.

**R 408.11607**  
**Source:** 1997 AACS.

**R 408.11608**  
**Source:** 1997 AACS.

**R 408.11609**  
**Source:** 1997 AACS.

**R 408.11610**  
**Source:** 1997 AACS.

**R 408.11611**  
**Source:** 1997 AACS.

**R 408.11612**  
**Source:** 1997 AACS.

**R 408.11613**  
**Source:** 1997 AACS.

**R 408.11602**  
**Source:** 1997 AACS.

**R 408.11603**  
**Source:** 1997 AACS.

**PART 18. OVERHEAD AND GANTRY CRANES**

**OPERATORS AND OPERATIONS**

**R 408.11801 Scope.**

Rule 1801. This part covers the equipment, installation, maintenance, and operation of top running overhead and gantry single and multiple girder cranes in, about, and around places of employment in order to safeguard employees. It does not apply to monorails, railway or truck cranes, mine hoists, conveyors, shovels, drag-line excavators, equipment used on construction jobs, or systems used to transport people.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Apr. 10, 2002.

**R 408.11803 Definitions; B to D.**

Rule 1803. (1) "Brake" means a device used for retarding or stopping motion by friction or power means.

(2) "Bridge" means that part of a crane consisting of girders, trucks, end ties, footwalks, and the driving mechanism which carries the trolley or trolleys.

**Annual Administrative Code Supplement**  
**2002 Edition**

- (3) "Bumper" means an energy-absorbing device for reducing impact when a moving crane or trolley reaches the end of its permitted travel, or when 2 moving cranes or trolley come in contact.
- (4) "Cab" means an operator compartment located on a crane bridge or trolley.
- (5) "Cab operated crane" means a crane controlled by an operator in a cab located on the bridge or trolley.
- (6) "Catwalk" means a walkway with handrail and toeboards which are attached to the bridge or trolley, or both, for access purposes.
- (7) "Competent person" means a person who has the necessary experience of the crane and equipment used in the lifting operation to carry out the function satisfactorily, who is capable of identifying an existing or potential hazard in surroundings, or under working conditions, that are hazardous or dangerous to an employee, and who has the authority and knowledge to take prompt corrective measures to eliminate the hazards.
- (8) "Collector shoe" means a contacting device for collecting current from runway or bridge conductors.
- (9) "Conductors, bridge" means the electrical conductors located along the bridge structure of a crane to provide power to the trolley.
- (10) "Conductors, runway" means the electrical conductors located along a crane runway to provide power to the crane.
- (11) "Controller" means a device or group of devices that serves to govern, in a predetermined manner, the power delivered directly to the apparatus to which it is connected.
- (12) "Crane" means a top running overhead or gantry crane.
- (13) "Designated" means selected or assigned by the employer or the employer's representative as being qualified to perform specific duties.
- (14) "Drag brake" means a brake that provides retarding force without external control.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11804 Definitions; F to M.**

- Rule 1804. (1) "Floor-operated crane" means a top running overhead crane that is controlled by an operator on a floor or independent platform.
- (2) "Footwalk" means a walkway which has a handrail and which is attached to the bridge or trolley for access purposes.
  - (3) "Frequent inspection" means a visual examination by the operator or other designated personnel, with written records required.
  - (4) "Gantry crane" means a crane similar to an overhead crane, except that the bridge for carrying the trolley or trolleys is rigidly supported by 1 or more legs running on a fixed rail or other runway.
  - (5) "Hoist" means a system of power-driven drums, gears, cables, chains, or hydraulic cylinders capable of lifting and lowering a load.
  - (6) "Hooker" means an employee who by using predetermined lift points attaches the load to the hook, in hoisting or setting the load or both.
  - (7) "Hot metal crane" means a crane that transports molten metal.
  - (8) "Limit switch" means a switch that is operated by some part or motion of a power-driven machine or equipment to alter the electric current associated with the machine or equipment.
  - (9) "Load" means the total superimposed weight on a load block or hook.
  - (10) "Load block" means the assembly of hook and shackle, swivel bearing, sheaves, pins, and frame, suspended by the hoisting ropes or chain.
  - (11) "Magnet" means an electromagnetic device carried on a crane hook that picks up the load magnetically.
  - (12) "Main switch" means a switch on a crane controlling the entire power supply to the crane, except that a magnet and convenience outlet circuit may bypass the main switch.
  - (13) "Modified" means a change in design or rating.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11805 Definitions; O to R.**

- Rule 1805. (1) "Overhead crane" means a top running crane that has a movable bridge carrying a movable or fixed hoisting mechanism for lifting and lowering, moving horizontally and traveling on an overhead fixed runway.
- (2) "Periodic inspection" means the inspection of the equipment in place by a designated person, making written records of conditions.
  - (3) "Power-operated crane" means a crane that has its mechanism driven by electric, air, hydraulic, or internal combustion means.
  - (4) "Preformed" means to permanently shape wire rope before fabrication into helical form.
  - (5) "Pulpit" means an operator compartment for a crane located at a fixed position remote from the crane.
  - (6) "Qualified person" means a person who, through attainment of a recognized degree or certificate of professional standing

**Annual Administrative Code Supplement**  
**2002 Edition**

or by extensive knowledge, training, and experience, has successfully demonstrated the ability to solve or resolve problems relating to the subject matter and work.

(7) "Rail stop" means a device attached to a rail to stop the movement of a crane beyond a fixed point.

(8) "Rated load" means the maximum load for which a crane or individual hoist is designed and built by the manufacturer and shown on the equipment nameplate or nameplates.

(9) "Remote-operated crane" means a crane controlled by an operator not in a pulpit or in the cab attached to the crane, by any method other than pendant or rope control.

(10) "Rigger" means an employee who prepares heavy equipment or loads of materials for lifting.

(11) "Rope" means wire rope, unless otherwise specified.

(12) "Running sheave" means a sheave that rotates as the load block is raised or lowered.

(13) "Runway" means an assembly of rails, beams, girders, brackets, and framework on which a crane or trolley travels.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11806 Definitions; S to W.**

Rule 1806. (1) "Safety factor" means the ratio of the breaking strength of a piece of material or object to the actual load or stress when in use.

(2) "Seizing" means to bind the end of a wire rope with a soft annealed iron wire.

(3) "Side pull" means to pull a load with a hoist, chain or cable other than vertically.

(4) "Stop device" means a device to limit travel of a trolley or crane bridge. It is normally attached to a fixed structure and normally does not have energy-absorbing ability.

(5) "Storage gantry crane" means a gantry type crane of long span usually used for bulk storage of materials. The bridge girders are supported on 1 or more legs. It may have 1 or more fixed or hinged cantilever ends.

(6) "Swaged socket" means a fitting into which wire rope is inserted and attached by cold forming.

(7) "Switch" means a device for making, breaking, or for changing the connections in an electric circuit.

(8) "Trolley" means a unit that travels on the bridge rails and carries the hoisting mechanism.

(9) "Trolley travel" means the trolley movement at right angles to the crane runway.

(10) "Truck" means the unit consisting of a frame, wheels, bearing, and axles that supports the bridge girders or trolleys.

(11) "Wall crane" means a crane which has a jib with or without trolley and which is supported from a sidewall or line of columns of a building. It is a traveling type and operates on a runway attached to the sidewall or columns.

History: 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11807 Adoption of standards by reference.**

Rule 1807. (1) The standards specified in this rule, except for the standards specified in subrule (2) of this rule, are adopted by reference. (a) The following American Society of Mechanical Engineers standards, which are available from Global Engineering Documents, 15 Inverness Way East, Englewood, Colorado, 80112, USA, telephone number: 1-800-854-7179 or via the internet at web-site: <http://global.ihs.com>, at a cost as of the time of adoption of these amendments, as stated in this subdivision:

(i) American National Standard Institute Standard ANSI B30.2, for "Overhead and Gentry Cranes Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist", 1996 edition. Cost: \$73.00.

(ii) American Society of Mechanical Engineers Standard ASME B30.17, for "Overhead and Gantry Cranes (Top Running Bridge, Single Girder, Underhung Hoist)," 1998 edition. Cost: \$62.00.

Both standards are also available for inspection at, and purchase from, the Michigan Department of Consumer and Industry Services, MIOSHA Standards Division, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan 48909-8143.

(b) "National Electrical Code," 2002 edition, is available from the National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, Massachusetts, 02269-9101, USA; telephone number: 617-770-3000; or via the internet at web-site: [www.nfpa.org](http://www.nfpa.org), at a cost as of the time of adoption of this amendment of \$54.00 and is available for review at the Michigan Department of Consumer and Industry Services, MIOSHA Standards Division, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan, 48909-8143.

(2) The following Michigan Occupational Safety Standards are available at no charge from the Michigan Department of Consumer and Industry Services, MIOSHA Standards Division, 7150 Harris Drive, P.O. Box 30643, Lansing, Michigan, 48908-8143 or via the internet at web-site: [www.cis.state.mi.us/bsr/divisions/std](http://www.cis.state.mi.us/bsr/divisions/std):

(a) General Industry Safety Standard Part 2. "Floor and Wall Openings, Stairways and Skylights," being R 408.10201 et seq.

(b) General Industry Safety Standard Part 3. "Fixed Ladders," being R 408.10301 et seq.

(c) General Industry Safety Standard Part 7. "Guards for Power Transmission," being R 408.10701 et seq.

(d) General Industry Safety Standard part 33. "Personal Protective Equipment," being R 408.13301 et seq.

(e) General Industry Safety Standard Part 39. "Design Safety Standards for Electrical Systems," being R 408.13901 et seq.

**Annual Administrative Code Supplement**  
**2002 Edition**

- (f) General Industry Safety Standard Part 40. "Electrical Safety-related Work Practices", being R 408.14001 et seq.
- (g) General Industry Safety Standard Part 49. "Slings," being R 408.14901 et seq.
- (h) General Industry Safety Standard Part 85. "Lockout/Tagout," being R 408.18501 et seq.
- (i) Construction Safety Standard Part 10. "Lifting and Digging Equipment," being R 408.41001 et seq.
- (j) Construction Safety Standard Part 45. "Fall Protection," being R 408.44501 et seq.

History: 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11808 Employer responsibilities.**

Rule 1808. (1) An employer shall comply with the manufacturer's specifications and limitations applicable to the operation of cranes. If a manufacturer's specifications are not available, then the limitations assigned to the equipment shall be based on the determination of a qualified engineer who is competent in the field of equipment limitations, and the determination shall be appropriately documented and recorded. Attachments that are used with cranes shall not exceed the capacity, rating, or scope recommended by the manufacturer.

(2) An employer shall designate a qualified person to perform all inspections of cranes as required by this part.

(3) An employer shall limit the use of a crane to the following entities:

(a) An employee who has been trained and qualified to operate the type of crane to which he or she is assigned.

(b) A learner who is under the direct supervision of a designated operator.

(c) Designated maintenance personnel while performing their duties.

(4) An employer shall maintain a crane and its accessories in a condition that will not endanger an operator or other employees.

(5) The original safety factor of the equipment shall not be reduced if modifications or changes are made to the equipment. Modifications or changes shall be certified by a qualified registered engineer. The capacity, operation, and maintenance instruction plates, tags, or decals shall be changed accordingly to reflect any modifications or changes.

(6) An employer shall comply with all other applicable requirements of this part.

(7) The manual provided by the crane manufacturer shall be readily accessible for the crane operator's reference at the work site.

History: 2002 MR 7, Eff. Apr. 10, 2002.

**CONSTRUCTION, INSTALLATION AND EQUIPMENT**

**R 408.11821 Certification; modification; guards; adoption of standards by reference.**

Rule 1821. (1) A top running or gantry crane consisting of a top running bridge with single or multiple girders and a top running trolley hoist, erected or modified after June 24, 1973, shall be certified by a crane manufacturer or an engineer knowledgeable in crane construction, that the new construction or installation, or modification conforms to the American Society of Mechanical Engineers Standard B30.2 "Overhead and Gantry Cranes Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist" 1996 edition, which is adopted by reference in R 408.11807.

(2) A top running or gantry crane consisting of a top running bridge with a single girder and an underhung hoist, erected or modified after August 31, 1971 shall be certified by a crane manufacturer or an engineer knowledgeable in crane construction, that the new construction or installation, or modification conforms to the American Society of Mechanical Engineers Standard B30.17 "Overhead and Gantry Cranes (Top Running Bridge, Single Girder, Underhung Hoist)" 1998 edition, which is adopted by reference in R 408.11807.

(3) Gears, couplings and other means of power transmission, except shafts, where exposed to contact, shall be guarded as prescribed in General Industry Safety Standard Part 7. "Guards for Power Transmission," being R 408.10701 et seq., which is referenced in R 408.11807.

(4) A top running or gantry crane consisting of a top running bridge with single or multiple girders and a top running trolley hoist may be modified or rerated if the modifications and the supporting structure are checked thoroughly by a qualified engineer or the equipment manufacturer and conform to the American Society of Mechanical Engineers Standard B30.2 "Overhead and Gantry Cranes Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist" 1996 edition, which is adopted by reference in R 408.11807.

(5) A top running or gantry crane consisting of a top running bridge with a single girder and an underhung hoist may be modified or rerated if the modifications and the supporting structure are checked thoroughly by a qualified engineer or the equipment manufacturer and conform to the American Society of Mechanical Engineers Standard B30.17 "Overhead and Gantry Cranes (Top Running Bridge, Single Girder, Underhung Hoist)" 1996 edition, which is adopted by reference in R 408.11807.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1954 ACS 89, Eff. Nov. 13, 1976; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.11822 Marking rated capacity; classifications; clearances.**

Rule 1822. (1) The rated capacity of a crane shall be legibly marked on each side of the crane. Markings shall be legible from the ground or floor. Each load block of the hoisting units of the crane shall be legibly marked with its individual rated capacity.

(2) The service class rating shall be indicated on the crane.

(3) Clearance from obstructions shall be a minimum of 3 inches overhead and 2 inches laterally between the crane and any obstruction.

(4) Runways of parallel cranes that do not have an intervening wall or structure shall have adequate clearance between the 2 bridges.

(5) The cab of a crane shall be located to afford a minimum of 3 inches clearance from all fixed structures within its area of possible movement.

History: 1954 ACS 76, Eff. July 25, 1973; 1979 AC; 2002 MR 7, Eff. Apr.10, 2002.

**R 408.11824 Wire rope.**

Rule 1824. (1) A wire rope used on a crane shall be repaired or replaced in any of the following circumstances:

(a) One third or more of the original diameter of the outside individual wires is worn.

(b) There is kinking, crushing, bird-caging, or any other damage that results in distortion of the running portion of the wire rope structure.

(c) The wire rope shows heat or corrosive damage.

(d) In running ropes, there are 6 randomly distributed broken wires in 1 lay or 3 broken wires on 1 strand in 1 lay. In rotation-resistant ropes, 2 randomly distributed broken wires in 6 rope diameters or 4 randomly distributed broken wires in 30 rope diameters.

(e) There are reductions from nominal diameter of more than the following:

(i) One sixty-fourth of an inch for a diameter to and including 5/16 of an inch.

(ii) One thirty-second of an inch for a diameter 3/8 of an inch to and including 1/2 of an inch.

(iii) Three sixty-fourths of an inch for a diameter 9/16 of an inch to and including 3/4 of an inch.

(iv) One sixteenth of an inch for a diameter 7/8 of an inch to and including 1 1/8 inches.

(v) Three thirty-seconds of an inch for a diameter 1 1/4 inches to and including 1 1/2 inches.

(f) In standing ropes, there are more than 2 broken wires in 1 lay in sections beyond end connections or more than 1 broken wire at an end connection.

(2) Wire rope discarded from a crane under subrule (1) of this rule shall not be used for any other load-carrying service.

(3) Wire rope for a crane bent to form an eye shall be equipped with a metal thimble.

(4) A wire rope end fitting shall be a clamp, swage, or a zinc or equivalent poured socket. Before cutting wire rope, seizings shall be placed as follows:

(a) 1 seizing on each side of the cut on preformed wire rope;

(b) 2 seizings on each side of 7/8 inch size or smaller nonpreformed wire rope.

(c) 3 seizings on each side of 1 inch or larger size nonpreformed wire rope.

(5) Wire rope, that has an independent wire rope core shall be used on all molten metal applications and in an area where the environmental atmosphere will cause deterioration of a hemp center.

(6) Wire rope shall be stored in a manner to prevent damage or deterioration.

(7) The unreeling or uncoiling of wire rope shall be done as recommended by the rope manufacturer and with care to avoid kinking or inducing a twist.

(8) Rope clips attached with u-bolts shall have the u-bolts on the dead or short end of the rope. Spacing and number of all types of clips shall be in accordance with the clip manufacturer's recommendation. Clips shall be drop-forged steel in all sizes manufactured commercially. When a newly installed rope has been in operation for an hour, all nuts on the clip bolts shall be retightened. (see appendix "A")

(9) Replacement rope shall meet or exceed the original specifications set forth by the crane manufacturer.

(10) If a load is supported by more than 1 part of rope, then the tension in the parts shall be equalized.

History: 1954 ACS 76, Eff. July 25, 1973; 1979 AC; 2002 MR 7, Eff. Apr.10, 2002.

**R 408.11825 Hooks; load blocks.**

Rule 1825. (1) A crane hook shall be discarded if either of the following provisions applies:

(a) The throat opening is more than 15% greater than the manufactured size.

(b) The hook has more than a 10-degree twist from a vertical center line drawn through the hook socket.

(2) A hook shall be equipped with a latch, unless the application makes the use of a latch impractical as determined by a



**Annual Administrative Code Supplement**  
**2002 Edition**

qualified person. When required, a latch shall be provided to bridge the throat opening of the hook for the purpose of retaining slings, chains, or other equipment, under slack conditions.

(3) Load blocks shall be of the enclosed type and shall be guarded against rope jamming during normal operations.

History: 1954 ACS 76, Eff. July 25, 1973; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11826 Rescinded.**

History: 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; rescinded 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11827 Sheaves.**

Rule 1827. (1) Sheave grooves shall be smooth and free from defects that could cause rope damage.

(2) Sheaves carrying ropes that can be momentarily unloaded shall be provided with close fitting guards or other suitable devices to guide the rope back into the groove when the load is applied again.

(3) Sheaves in the bottom block shall be equipped with close fitting guards that will prevent ropes from becoming fouled when the block is lying on the ground with ropes loose.

(4) Pockets and flanges of sheaves used with hoist chains shall be of dimensions that the chain does not catch or bind during operation.

(5) All running sheaves shall be equipped with means for lubrication. Permanently lubricated, sealed, or shielded bearings meet this requirement.

History: 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11833 Bridge bumpers; trolley bumpers; rail sweeps.**

Rule 1833. (1) A crane shall be provided with bumpers or other automatic means providing equivalent effect, unless the crane travels at a slow rate of speed and has a faster deceleration rate due to the use of sleeve bearings, is not operated near the ends of bridge and trolley travel, is restricted to a limited distance by the nature of the crane operation and there is no hazard of striking any object in the limited distance, or is used in similar operating conditions. The bumpers shall be capable of stopping the crane, not including the lifted load, at an average rate of deceleration of not more than 3 feet/s/s (per second, per second) when traveling in either direction at 20% of the rated load speed. Bumpers shall meet both of the following requirements:

(a) A bumper shall have sufficient energy-absorbing capacity to stop the crane when traveling at a speed of not less than 40% of rated load speed.

(b) A bumper shall be mounted so that there is no direct shear on bolts.

(2) Bumpers shall be designed and installed to minimize parts falling from the crane in case of breakage.

(3) A trolley shall be provided with bumpers or other automatic means of equivalent effect, unless the trolley travels at a slow rate of speed, is not operated near the ends of bridge and trolley travel, is restricted to a limited distance of the runway and there is no hazard of striking any object in the limited distance, or is used in similar operating conditions. The bumpers shall be capable of stopping the trolley, not including the lifted load, at an average rate of deceleration of not more than 4.7 feet/s/s (per second, per second) when traveling in either direction at 1/3 of the rated load speed. Trolley bumpers shall meet both of the following requirements:

(a) When more than 1 trolley is operated on the same bridge, each shall be equipped with bumpers or equivalent on their adjacent ends.

(b) Bumpers or equivalent shall be designed and installed to minimize parts falling from the trolley in case of broken or loosened mounting connections.

(4) Bridge trucks shall be equipped with rail sweeps that extend below the top of the rail and project in front of the truck wheels.

History: 1954 ACS 76, Eff. July 25, 1973; rescinded 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11835 Ladders; footwalks; stairways; escape devices.**

Rule 1835. (1) When a fixed ladder provides access to a crane, it shall be as prescribed in general industry safety standard, Part 3. "Fixed Ladders," being R 408.10301, et seq., which is referenced in R 408.11807. (2) A footwalk or a catwalk for or on a crane shall have a standard barrier as prescribed in general industry safety standard, Part 2. "Floor and Wall Openings, Stairways and Skylights," being R 408.10201, et seq., which is referenced in R 408.11807. A footwalk shall be of rigid construction and designed to sustain a distributed load of not less than 50 pounds per square foot, and shall have an anti-slip surface.

(3) An employer shall ensure that a safe method of escape is provided in case of fire or other emergency situation on a cab-operated crane.

**Annual Administrative Code Supplement**  
**2002 Edition**

(4) A gantry crane shall have fixed ladders or stairways extending from the ground to the footwalk or cab platform.

History: 1954 ACS 76, Eff. July 25, 1973; 1979 AC; 2002 MR 7, Eff. Apr.10, 2002.

**R 408.11837 Rescinded.**

History: 1954 ACS 76, Eff. July 25, 1973; 1979 AC; rescinded 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11841 Brakes and restraints.**

Rule 1841. (1) An overhead or gantry crane bridge which is powered shall be equipped with an operable brake, non-coasting mechanical drive, or other braking means. The brake or drive shall be capable of stopping the bridge within a distance, in feet, equal to 10% of the full load speed in feet per minute when traveling at full speed with full load.

(2) A trolley of a crane shall meet the requirements of subrule (1) of this rule.

(3) A crane that is being used out-of-doors shall have a positive mechanical restraint, such as, but not limited to, an automatic rail clamp, to secure the crane against wind movement while parked. If clamps act on the rail heads, beads or weld flash on the rail heads shall be ground off. A positive mechanical restraint shall be utilized when the crane is parked in an area where the potential exposure to wind is prevalent.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11843 Controls.**

Rule 1843. (1) A pendant, radio, cab, pulpit control station, and a controller in a cab operated crane shall be permanently identified by function and direction. Control boxes shall be constructed to prevent electrical shock.

(2) Rope controls for a floor-operated crane shall be equipped with an arrow attached to the rope showing the direction of travel when the rope is pulled.

(3) A pendant, radio, cab, or pulpit control station shall be equipped with a positive stop device, colored red, to disconnect all motors.

(4) A crane shall be equipped with a main switch which can be locked out. An employer shall establish a written lockout procedure which shall be used in connection with R 408.11872 and R 408.11875. Lockout shall conform to the requirements prescribed in general industry safety standard Part 85. "Lockout/Tagout," being R 408.18501 et seq., which is referenced in R 408.11807.

(5) A controller on a rope, pendant, or radio-controlled crane, when released from the "on" position, shall automatically return to the "off" position.

(6) A transmitter for a radio-controlled crane shall be stored in a locked cabinet or in a supervised storage area when not in use.

(7) All cranes shall have an operable over-travel limit switch in the hoisting direction. The switch shall be located so that it is tripped under all conditions to prevent contact of the hook or block with the hoist.

(8) A crane that is not equipped with spring return controllers or momentary contact push buttons shall have a device which will disconnect all motors from the line if power fails and which will not permit restarting until the controller handle is brought to the off position or a reset switch or button is operated.

(9) The control circuit voltage shall not be more than 600 volts for A.C. or D.C. current.

(10) The voltage at pendant push-buttons shall not be more than 150 volts for A.C. and 300 volts for D.C.

(11) If multiple conductor cable is used with a suspended push-button station, then the station shall be supported in a manner that will protect the electrical conductors against strain.

(12) Cab-operated cranes shall have lever-operated manual controllers and master switches that have a spring-return arrangement, off-point detent, or off-point latch. The controller operating handle shall be located within reach of the operator and, as far as practicable, the movement of each controller handle shall be in the same general directions of the resultant movements of the load.

(13) Equipment and wiring shall be as prescribed in general industry safety standard Part 39. "Design Safety Standards for Electrical Systems," being R 408.13901 et seq., which is referenced in R 408.11807.

(14) The control for the bridge and trolley travel shall be located so that the operator can face the direction of travel.

(15) Push buttons in pendant stations shall return to the above position when released by the operator.

(16) Automatic cranes shall be designed so that all motions will failsafe if any malfunction of operation occurs.

(17) A remote-operated crane shall function so that if the control signal for any crane motion becomes ineffective, the crane motion shall stop.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1954 ACS 89, Eff. Nov. 13, 1976; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11844 Equipment.**

**Annual Administrative Code Supplement**  
**2002 Edition**

Rule 1844. (1) Electrical equipment shall be located or enclosed so that live parts will not be exposed to accidental contact under normal operating conditions.

(2) Clearances of 2 1/2 feet (762 mm) from electrical equipment shall be maintained in accordance with article 610-57 of the 2002 edition of the "National Electrical Code," which is adopted by reference in R 408.11807.

(3) Electric equipment shall be protected from dirt, grease, oil, and moisture.

(4) Guards for live parts shall be substantial and located so that they cannot be accidentally deformed to make contact with live parts.

(5) Enclosures for resistors shall have openings to provide adequate ventilation and shall be installed to prevent the accumulation of combustible matter too near to hot parts. Resistor units shall be supported to be free as possible from vibration.

(6) The power supply to the runway conductors shall be controlled by a switch or circuit breaker which is located on a fixed structure, which is accessible from the floor, and which is capable of being locked in the open position. A switch or circuit breaker which is of the enclosed type and which is capable of being locked in the open position shall be provided in the leads from the runway conductors on a cab-operated crane. A means of opening the switch or circuit shall be located within reach of the operator. A switch or circuit breaker which is of the enclosed type and which is capable of being locked in the open position shall be provided in the leads from the runway conductors on a floor-operated crane. The disconnect shall be mounted on the bridge or footwalks near the runway conductors. One of the following types of floor-operated disconnects shall be provided:

(i) Nonconductive rope attached to the main switch.

(ii) An under-voltage trip for the main circuit breaker operated by an emergency stop button in the pendant push button in the pendant pushbutton station.

(iii) A main line contactor operated by a switch or pushbutton in the pendant pushbutton station.

(7) A crane using a lifting magnet shall have a separate magnet circuit switch which is of the enclosed type and which is capable of being locked in the open position. Means for discharging the inductive load of the magnet shall be provided.

(8) Runway conductors of the open type mounted on the crane runway beams or overhead shall be located or guarded so that persons entering or leaving the cab or crane footwalk will not come into contact with them. On the effective date of this rule, open type conductors shall not be installed on cab-operated runway beams.

(9) When a service receptacle for an extension lamp is provided in the cab or on the bridge of a cab-operated crane, it shall be a grounded 3-prong type permanent receptacle and shall not be more than 300 volts.

History: 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11845 Warning devices.**

Rule 1845. (1) A crane, shall be equipped with a warning device, such as a flashing light, horn, bell, or siren. An operator shall use a warning device before starting and intermittently while traveling in an occupied area.

(2) A wind-indicating device shall be provided on an outdoor storage gantry type crane and on an outdoor overhead crane. The device shall give a visual or audible alarm to the operator at a predetermined wind velocity to be determined by the employer in accordance with the manufacturer's recommendation or design.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1954 ACS 89, Eff. Nov. 13, 1976; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11847 Tool storage, housekeeping, and fire extinguishers.**

Rule 1847. (1) Tools and other necessary articles shall be stored in a secured container and not allowed to be loose, in or about a crane.

(2) A class "C" or multipurpose fire extinguisher shall be provided and maintained accessible to the crane operator of a cab-operated crane. a carbon tetrachloride extinguisher shall not be used.

(3) An employer shall ensure that the crane operator is knowledgeable in the operation of the fire extinguishers.

(4) Good housekeeping shall be maintained at all times. The crane operator shall keep the access area and the crane cab clear of all loose objects such as tools, bolts, boards, rags, or other materials.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1954 ACS 89, Eff. Nov. 13, 1976; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**OPERATORS AND OPERATIONS**

**R 408.11851 Qualification.**

Rule 1851. (1) An employee selected to operate a crane shall possess all of the following minimum qualifications and be examined for the qualifications at least once every 3 years:

**Annual Administrative Code Supplement**  
**2002 Edition**

- (a) Have corrected vision that meets the same requirements as vision for a valid Michigan driver's license. Possession of a Michigan driver's license or a doctor's certificate is evidence of meeting this requirement.
  - (b) Have effective use of all 4 limbs.
  - (c) Be of a height sufficient to operate the controls and to have an unobstructed view over the controls into the work area.
  - (d) Have coordination between eyes, hands, and feet.
  - (e) Be free of known convulsive disorders and episodes of unconsciousness.
  - (2) An employee assigned to operate a crane shall have the ability to understand signs, labels, and instructions.
  - (3) An employee who is operating a crane on the effective date of this part, and who does not meet the requirements of subrules (1)(a), (b), (c), and (d) and (2) of this rule may be continued as an operator if the handicap or disability does not prove detrimental to the task. (Note: the effective date of this part was July 25, 1973).
- History: 1954 ACS 76, Eff. July 25, 1973; 1979 AC; 1988 MR 7, Eff. July 28, 1988; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11852 Training.**

- Rule 1852. (1) An employer shall train a prospective operator before the employee's assignment as an operator of a crane. An employer shall ensure that a designated individual authorized by the employer to perform the training has the knowledge, training, and experience to train and to evaluate the competence of the prospective operator and to provide refresher training to an operator when it is required. Training shall include all of the following:
- (a) Capacities of equipment and attachments.
  - (b) Purpose, use, and limitation of controls.
  - (c) How to make daily checks.
  - (d) The energizing sequences, including pneumatic, hydraulic, and electrical sequences.
  - (e) Start-up and shutdown procedures.
  - (f) Emergency shutdown procedures.
  - (g) General operating procedures.
  - (h) All basic signaling procedures, including hand, radio, or telephone signals, where required.
  - (i) Knowledge of general industry safety standard Part 18. "Overhead and Gantry Cranes," being R 408.11801 et seq., which is referenced in R 408.11807 and other applicable MIOSHA standards, and company rules and regulations.
  - (j) Practice in operating the assigned equipment through the mechanical functions necessary to perform the required task.
  - (k) Maximum rated capacity of the crane.
- (2) Training shall consist of a combination of formal instruction, practical training, and testing of the operator's performance, as required in R 408.11853.
- (3) Refresher training in relevant topics shall be provided to an operator under any of the following conditions:
- (a) An operator has been observed to operate the crane in an unsafe manner.
  - (b) An operator has been involved in an accident or a near-miss incident.
  - (c) An operator has received an evaluation that reveals that the operator is not operating the crane safely.
  - (d) An operator is assigned to a different type of crane.
  - (e) A condition in the workplace changes that could affect safe operation of the crane.
- (4) Maintenance personnel, crane inspectors, and all other users of the crane shall be trained as required in subrule (1) of this rule.
- (5) A rigger shall be trained in all of the following:
- (a) The requirements of general industry safety standard Part 18. "Overhead and Gantry Cranes," being R 408.11801 et seq., which is referenced in R 408.11807.
  - (b) Knowledge of general industry safety standard Part 49. "Slings," being R 408.14901 et seq., which referenced in R 408.11807.
  - (c) Knowledge of general industry safety standard Part 33. "Personal Protective Equipment," being R 408.13301 et seq., which is referenced in R 408.11807.
  - (d) Maximum capacity of the crane.
  - (e) Rigging procedures.
  - (f) Company rules and regulations.
- History: 1954 ACS 76, Eff. July 25, 1973; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11853 Testing.**

- Rule 1853. (1) An employer shall test the knowledge and ability of an employee before authorizing him or her to operate a crane. The test shall determine all of the following with respect to the employee:
- (a) Ability to operate the equipment through its functions necessary to perform the required jobs.
  - (b) Knowledge of equipment.

**Annual Administrative Code Supplement**  
**2002 Edition**

- (c) Knowledge of daily checks and inspection requirements.
  - (d) Knowledge of applicable MIOSHA standards and company rules and regulations.
  - (2) A performance test shall be given to determine that the employee can operate the assigned crane or cranes through the functions necessary to perform the required task.
- History: 1954 ACS 76, Eff. July 25, 1973; 1979 AC; 1989 MR 11, Eff. Dec. 1, 1989; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11854 Permits.**

- Rule 1854. (1) An employer shall provide an employee with a permit to operate a crane only after the employee meets the requirements prescribed in R 408.11852, and R 408.11853 et seq.
- (2) An employee being trained is exempt from the permit requirement for a period of not more than 30 calendar days if the employee is under the supervision of an individual who is authorized by the employer and who has the knowledge, training, and experience to train operators and to evaluate their competence, and if the training period does not endanger the trainee or other employees.
- (3) A permit shall be carried by an operator or be available upon request of a department representative at all times during working hours.
- (4) A permit shall indicate the type of crane or cranes an operator has been trained on and is qualified to operate, as required in R 408.11852 et seq.
- (5) A permit to operate a crane is valid only with the employer who issued the permit, and the permit shall be issued for a period of not more than 3 years.
- (6) A permit shall contain all of the following information (see sample permit):
- (a) Firm name.
  - (b) Operator's name.
  - (c) Operator I.D. number, if any.
  - (d) Name of issuing authority.
  - (e) Type or types of crane authorized to operate.
  - (f) Operator restrictions, if any. The permit shall state the nature of the restriction.
  - (g) Date issued.
  - (h) Date expiring.
- (7) A sample permit is set forth as follows:

**SAMPLE PERMIT**

<b>CRANE OPERATOR PERMIT</b>	
<i>(Firm Name)</i>	
Operator's Name	
Operator's Number	
Is Authorized To Operate: <i>(Insert Type Of Crane(S) Authorized)</i>	
Restrictions: <i>(Explanation Of Restrictions)</i>	
Date Issued: (Month - Day- Year)	
Date Expiring: (Month - Day- Year)	
<b>By Issuing Authority:</b> _____	<b>Title</b> _____

History: 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11855 Limitations on use of cranes.**

- Rule 1855. (1) An employer shall limit the use of a crane to the following persons:
- (a) An employee who is trained and is qualified to operate the type of crane to which he or she is assigned.
  - (b) A learner under the direct supervision of a designated operator.
  - (c) Designated maintenance personnel while performing their duties.
- (2) An employer shall establish and enforce a safe procedure, applicable to authorized employees, for boarding and leaving an overhead cab-operated crane.
- (3) An employer shall assure that an unauthorized employee does not enter a crane cab or pulpit.
- History: 1954 ACS 76, Eff. July 25, 1973; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.11857 Reporting defects.**

Rule 1857. An operator shall report any defects in a crane to the supervisor.

History: 1954 ACS 76, Eff. July 25, 1973; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11859 Personal protective equipment.**

Rule 1859. (1) An operator and an employee directing a lift shall use the personal protective devices required in the area.

(2) If the top of the load is not lifted to a height of more than 5 feet, then the load is not considered an overhead hazard.

(3) An employee performing maintenance on an overhead or gantry crane, where a standard barrier, as prescribed in R 408.11835, or platform is not provided, shall wear an approved safety harness and lanyard, or a fall arrest device as prescribed in construction safety standard, Part 45. "Fall Protection," being R 408.44501, et seq., which is referenced in R 408.11807.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 99, Eff. Apr. 18, 1979; 1979 AC; 1979 ACS 14, Eff. June 2, 1983; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11861 General conduct of operators.**

Rule 1861. (1) An operator, when starting on duty shall comply with both of the following provisions:

(a) Shall not close the main switch or emergency contactor until checking to see if anyone is on the crane and if a warning sign is on the crane, hook, or main switch.

(b) Shall test all controls, limit switches, and brakes. When a load approaches the rated load, the operator shall test the hoisting brakes by raising the load a few inches and applying the brakes.

(2) A hoisting limit switch on a crane or hoisting means shall not be used as an operating control unless the crane is also equipped with a backup limit switch.

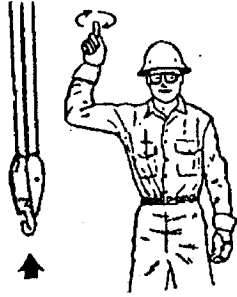
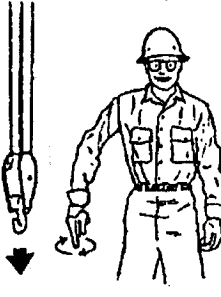
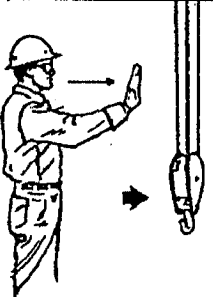
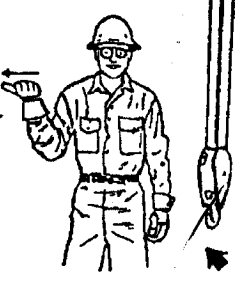
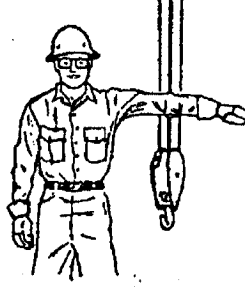
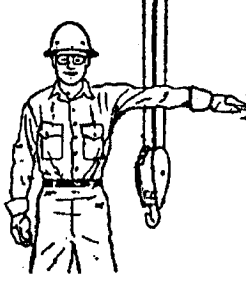
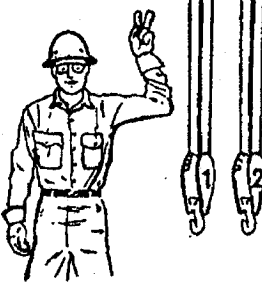
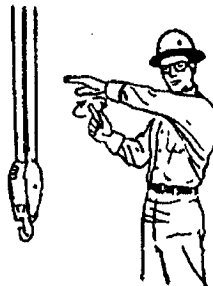
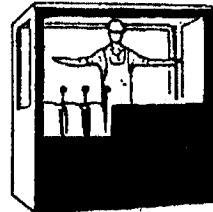
(3) A load shall not be lowered below a point where less than 2 full wraps of wire rope remain on the hoisting drum.

(4) If there is doubt concerning the safety of a crane or hoisting means, then an operator shall stop the crane and report the condition creating the doubt to the supervisor.

(5) In case of power failure, an operator shall place all controllers in the "off" position.

(6) An operator leaving a crane unattended shall land any attached load, place the controllers in the "off" position, and open the main switch. Before closing a main switch, an operator shall make sure all controllers are in the "off" position. The main switch need not be opened on a pendant-controlled crane if the crane is left unattended for short periods.

**Annual Administrative Code Supplement**  
2002 Edition

 <p><b>HOIST.</b> With forearm vertical, forefinger pointing up, move hand in small horizontal circle.</p>	 <p><b>LOWER.</b> With arm extended downward, forefinger pointing down, move hand in small horizontal circle.</p>	 <p><b>BRIDGE TRAVEL.</b> Arm extended forward, hand open and slightly raised, make pushing motion in direction of travel.</p>
 <p><b>TROLLEY TRAVEL.</b> Palm up, fingers closed, thumb pointing in direction of motion, jerk hand horizontally.</p>	 <p><b>STOP.</b> Arm extended, palm down, hold position rigidly.</p>	 <p><b>EMERGENCY STOP.</b> Arm extended palm down, move hand rapidly right and left.</p>
 <p><b>MULTIPLE TROLLEYS.</b> Hold up one finger for block marked "1" and two fingers for block marked "2". Regular signals follow.</p>	 <p><b>MOVE SLOWLY.</b> Use one hand to give any motion signal and place other hand motionless in front of hand giving the motion signal. (Hoist Slowly shown as example.)</p>	 <p><b>MAGNET IS DISCONNECTED.</b> Crane operator spreads both hands apart — palms up.</p>

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.11865 Lifting.**

Rule 1865. (1) An operator of a crane shall not carry a load over an employee.

(2) A crane shall not be used to make a side pull, except where it has been specifically established by a qualified person who has determined all of the following:

- (a) Various parts of the crane will not be overstressed.
  - (b) The hoist rope will not bear or rub against other members of the crane, such as the girders or trolley frame, except members specifically designed for such contact.
  - (c) A side pull will not cause the hoist rope to be pulled out of the sheaves or across drum grooves.
  - (d) A side pull will not result in excessive swinging of the load block or load.
- (3) Compressed gases shall be lifted only by a cradle or enclosed platform.
- (4) An employee shall not ride a hoisting device, such as a magnet, hook, ball, or load, except on a work platform. The work platform shall meet all of the requirements as prescribed in construction safety standard Part 10. "Lifting and Digging," being R 408.41001 et seq., which is referenced in R 408.11807.
- (5) The work platform shall be suspended from the top 4 corners and fastened to the structural floor member and shall have the point of suspension at the hook fixed so that it cannot be accidentally disengaged.
- (6) When attaching or moving a load, the operator, rigger, or hooker shall make sure of all of the following:
- (a) The hoisting rope or chain is free of kinks or twists and not wrapped around the load.
  - (b) The load is attached to the load block hook by means of a sling or other approved device.
  - (c) The sling and load will clear all obstacles or obstructions.
  - (d) The load is balanced and secured before lifting the load more than a few inches.
  - (e) Multiple lines are not twisted around each other.
  - (f) The hook is brought over the load in a manner to prevent swinging.
  - (g) There is no sudden acceleration or deceleration of the moving load.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**INSPECTIONS**

**R 408.11871 Initial and shift inspections.**

Rule 1871. (1) New, reinstalled, altered, repaired, and modified cranes shall be inspected by a designated person before initial use to verify compliance with applicable provisions of these rules. Inspection of altered, repaired, and modified cranes may be limited to the provisions affected by the alteration, repair, or modification, as determined by a qualified person.

(2) At the beginning of each shift during which a crane is used, visual inspections shall be made in accordance with table 2. A visual inspection shall be limited to that which can be made from a catwalk or other safe observation point. Any defects shall be reported to a supervisor.

TABLE 2

SHIFT/OPERATOR INSPECTION CHECKS

INSPECTION ITEM	DESCRIPTION OF INSPECTION CHECK POINTS
Tagged Crane Or Hoist	Check That Crane Or Hoist Is Not Tagged With An Out-Of-Order Sign.
Control Devices	Test Run That All Motions Agree With Control Device Markings.
Brakes	Check That All Motions Do Not Have Excessive Drift And That Stopping Distances Are Normal.



**Annual Administrative Code Supplement**  
**2002 Edition**

Hook	Check For Damage, Cracks, Nicks, Gouges, Deformations Of The Throat Opening, Wear On Saddle Or Load Bearing Point, And Twist. Refer To The Manual Furnished By The Original Manufacturer Of The Crane.
Hook Latch	If A Hook Latch Is Required, Check For Proper Operation.
Wire Rope	Check For Broken Wires, Broken Strands, Kinks, And Any Deformation Or Damage To The Rope Structure.
Reeving	Check That The Wire Rope Is Properly Reeved And That Rope Parts Are Not Twisted About Each Other.
Limit Switches	Check That The Upper Limit Device Stops Lifting Motion Of The Hoist Load Block Before Striking Any Part Of The Hoist Or Crane.
Oil Leakage	Check For Any Sign Of Oil Leakage On The Crane And On The Floor Area Beneath The Crane.
Unusual Sounds	Check For Any Unusual Sounds From The Crane Or Hoist Mechanism While Operating The Crane And Hoist.
Warning And Safety Labels	Check That Warning And Other Safety Labels Are Not Missing And That They Are Legible.
Housekeeping And Lighting	Check Area For Accumulation Of Material, Trip Or Slip Hazards, And Poor Lighting.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**R 408.11872 Frequent and periodic inspections.**

Rule 1872. (1) The inspection procedure for cranes in regular service is divided into 2 general classifications based upon the intervals at which inspection should be performed. The intervals in turn are dependent upon the nature of the critical components of the crane and the degree of its exposure to wear, deterioration, or malfunction. The 2 general inspection classifications are designated as frequent and periodic, with respective intervals between inspections as specified in this rule.

(2) Frequent inspection includes examinations by a designated person who makes required records, as follows:

(a) Monthly to quarterly (class C) or at intervals of 100 hours of use, whichever comes first. Frequent inspection includes observations during operation and of items listed in table 3.

(b) A designated person shall determine whether conditions found during the inspection constitute a hazard and whether a more detailed inspection is required.

(3) Periodic inspection includes inspection of the equipment in place by a designated person who makes records as listed in table 3 and as follows:

(a) Annually or at intervals of 500 hours of use, whichever comes first. Periodic inspections include observations during operation and of items listed in table 3.

(b) Conditions of extreme duty cycle, heat, and corrosive or climatic extremes indicate a need for more frequent inspections before use.

(c) Cranes with multiple service classifications shall be inspected in accordance with the highest rated duty classification.

(d) A designated person shall determine whether conditions found during an inspection constitutes a hazard and whether disassembly is required for additional inspections.

(4) A crane which is used in infrequent service, that is, which has been idle for a period of 1 month or more, shall be inspected before being placed in service.

**Annual Administrative Code Supplement**  
2002 Edition

**TABLE 3**  
**FREQUENT – PERIODIC MANDATORY INSPECTION CHECKLIST**  
**Frequent – F Periodic – P**

Item			Item			Item			Item		
<b>BRIDGE STRUCTURAL</b>			<b>TROLLEY STRUCTURAL</b>			<b>HOIST STRUCTURAL</b>			Brake Coil		
Guards & Covers	F	P	Steel Frame		P	Steel Frame Condition		P	Power Limit Switch	F	P
Bumpers	F	P	Connection Hardware		P	Capacity Markings	F	P	Cable Reels	F	P
Rail Sweeps	F	P	Load Beam		P	Guards & Covers	F	P	Control Cables	F	P
Catwalk & Railings		P	Maintenance Platform		P	Connection to Trolley	F	P	<b>MISCELLANEOUS</b>		
General Structure & Welds		P	Handrails		P	<b>HOIST MECHANICAL</b>			Warning Tag	F	P
Capacity Signs	F	P	Rail Sweeps	F	P	Motor	F	P	Capacity Markings	F	P
Hand Rails		P	Bumpers	F	P	Brake Drum	F	P	Wind Indicators	F	P
Trolley Rail & Stops	F	P	Guards & Covers	F	P	Holding Brake	F	P	Rail Clamps	F	P
<b>BRIDGE MECHANICAL</b>			Alignment & Tracking		P	Mechanical Load Brake	F	P	Hour Meter Readings		P
Motor	F	P	<b>TROLLEY MECHANICAL</b>			Gear Case	F	P	Operator Instruction Manual		P
Brake & Hydraulics	F	P	Motor	F	P	Coupling(s)	F	P	Maintenance Manual		P
Gear Case	F	P	Brake	F	P	Upper Sheave(s)	F	P	Runway, Rails, Clips, Bars	F	P
Couplings	F	P	Gear Case		P	Rope Drum		P	Proper License		P
Line Shaft Bearings	F	P	Couplings	F	P	Wire Rope	F	P	Warning Devices	F	P
Wheels	F	P	Wheels	F	P	Bottom Block Assembly	F	P	Spare Batteries	F	P
Wheel Gearings	F	P	<b>TROLLEY ELECTRICAL</b>			Hook & Latch	F	P	Recharging Unit	F	P
Wheel Bearings	F	P	General Wiring & Conduits	F	P	Equalizer Sheave	F	P	Transmitter Storage Location	F	P
<b>BRIDGE ELECTRICAL</b>			Motor	F	P	<b>HOIST ELECTRICAL (MAIN)</b>			<b>TEST RUN</b>		
Lights	F	P	Control Panels	F	P	General Wiring & Conduits	F	P	Bridge	F	P
Electric Control Brake	F	P	Control Operations	F	P	Motor(s)	F	P	Trolley	F	P
Master Switches	F	P	Motor Resistors	F	P	Control Panel	F	P	Main Hoist	F	P
Runway Collectors	F	P	Soft Start or Inverter	F	P	Motor Resistors	F	P	Auxiliary Hoist	F	P
Trolley Conductors	F	P	Hoist/Trolley Conductors	F	P	Limit Switch(s)	F	P	<b>VERIFICATION</b>		
Resistors	F	P	Limit Switch(s)	F	P	Soft Start or Inverter	F	P	Inspection Accepted/Date	F	P

**Annual Administrative Code Supplement**

**2002 Edition**

Soft Start or Inverter	F	P		Electric Control Brake(s)	F	P		Electric Control Brake(s)	F	P		Customer Signature	F	P				
								Overload Guard		P								
Item				Item				Item				Item						
HOIST STRUCTURAL (AUXILIARY)				Soft Start Or Inverter			F	P		BRIDGE CONTROL PANELS				AUXILIARY CONTROL PANELS		HOIST		
Steel Frame Condition		P		Electric Control Brake(s)			F	P		Line Contactor & Knife Switch			F	P		Contactors	F	P
Capacity Markings	F	P		Overload Guard				P		Bridge Contactors			F	P		Arch Shields	F	P
Guards & Covers	F	P		Brake Coil			F	P		Arch Shields			F	P		Wiring	F	P
Connection To Trolley	F	P		Power Limit Switch			F	P		Wiring			F	P		Grounds	F	P
HOIST MECHANICAL (AUXILIARY)				Cable Reels			F	P		Grounds			F	P		Resistors	F	P
Motor	F	P		Control Cables			F	P		Resistors			F	P		Doors Closed	F	P
Brake Drum	F	P		PENDANT CONTROL						Doors Closed			F	P		Overload Relays		P
Holding Brake	F	P		Push Button Festoon Condition			F	P		TROLLEY CONTROL PANELS				MAIN POWER SUPPLY				
Mechanical Load Brake	F	P		Push Button Pendant Condition			F	P		Contactors			F	P		Main Line Conductors	F	P
Gear Case	F	P		Push Button Legend Markings			F	P		Arch Shields			F	P		Main Line Collectors	F	P
Coupling(s)	F	P		Push Button Strain Relief			F	P		Wiring			F	P		TROLLEY POWER SUPPLY		
Upper Sheave(s)	F	P		Cable Reel(s)			F	P		Grounds			F	P		Trolley Conductors	F	P
Rope Drum		P		Pendant Balancer			F	P		Resistors			F	P		Trolley Line Collectors	F	P
Wire Rope	F	P		Operation of E-Stop			F	P		Doors Closed			F	P		FESTOON SYSTEM POWER SUPPLY		
Bottom Block Assembly	F	P		Warning Tag On Push Button			F	P		MAIN HOIST CONTROL PANELS				Trolley Pusher Arm		F	P	
Hook & Latch	F	P		RADIO CONTROL ELECTRICAL						Contactors			F	P		Festoon Span Conductors	F	P
Equalizer Sheave	F	P		Conduits & Fittings			F	P		Arch Shields			F	P		Festoon Trolleys	F	P
HOIST ELECTRICAL (AUXILIARY)				Wiring & Connections			F	P		Wiring			F	P		SAFETY		
General Wiring & Conduits	F	P		Control Panels			F	P		Grounds			F	P		Fire Extinguisher	F	P

# Annual Administrative Code Supplement

2002 Edition

Motor(S)	F	P		Radio/Manual Switch	F	P		Resistors	F	P		Clearance Crane/Obstruction		P
Control Panel	F	P		Receiver Antenna	F	P		Doors Closed	F	P		General Condition & Housekeeping	F	P
Motor Resistors	F	P		Transmitter Functions	F	P		Overload Relays	F	P				
Limit Switch(s)	F	P		Transmitter Emergency Stop	F	P								

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.11873 Operational tests.**

Rule 1873. (1) Before a new or modified crane is put into operation or if a crane has not been used in the past 12 months, the equipment shall be tested by a designated person to ensure compliance with this part, including all of the following functions:

- (a) Hoisting and lowering.
- (b) Trolley travel.
- (c) Bridge travel.
- (d) Travel limiting devices.

(2) The trip setting of a hoist limit switch shall be determined with an empty hook traveling in increasing speeds up to the maximum speed. The actuating mechanism of the limit switch shall be located so that it will trip the switch, under all conditions, in time to prevent contact of the hook or hook block with any part of the trolley.

(3) Locking, limiting, and indicating devices, if provided.

(4) When a crane is given a load test, the test load shall be not more than 125% of the rated load. The test reports shall be maintained on a file within the premises where the crane is located.

History: 2002 MR 7, Eff. Apr 10, 2002.

**R 408.11874 Rated load test.**

Rule 1874. Before initial use, all new, extensively repaired, and altered cranes shall be tested and inspected by or under the direction of a designated or authorized person and a written report which confirms the load rating of the crane shall be furnished by the person. The load rating shall not be more than 80% of the maximum load sustained during the test. Test loads shall not be more than 125% of the rated load, unless otherwise recommended by the manufacturer. The test reports shall be placed on file where readily available to appointed personnel.

History: 2002 MR 7, Eff. Apr 10, 2002.

**R 408.11875 Maintenance.**

Rule 1875. (1) An employer shall maintain a crane and its accessories in a condition that will not endanger an operator or other employee. A preventative maintenance program shall be established and the program shall be based on the manufacturer's recommendations and for the application as reviewed by a qualified person.

(2) An unsafe condition on a crane determined by an inspection shall be corrected by a designated trained employee or a qualified crane service company before the crane is put into operation. Designated repair personnel shall have a thorough background in either mechanical or electrical operating systems, or both, and shall also have a permit to operate the type of crane that is being serviced.

(3) Before adjustments or repairs are commenced on a crane, all of the following precautions shall be taken:

- (a) A crane to be repaired shall be moved to a location where it will cause the least interference with other moving equipment on the track or rails and operations in the area.
- (b) Controllers shall be placed in the "off" position.
- (c) The main switch shall be placed in the "off" or "open" position and locked out, except where power is necessary to adjust or service the crane.
- (d) A warning sign or "out of order" sign shall be placed at the operator control station.
- (e) Illumination of not less than 15 footcandles intensity shall be provided while maintenance is performed on a crane.
- (4) If any other crane uses the same runway, then a protective device shall be used to prevent interference with the idle crane undergoing repairs. If the protective device is impracticable, then a signal person shall be placed at a visual vantage point to warn the operator of the active crane when it reaches the limit of safe distance from the idle crane.
- (5) A crane that has been adjusted or repaired shall not be returned to normal operation until all guards have been replaced, locks removed by those who installed them, or their supervisor, safety devices reactivated, and the maintenance equipment removed.

(6) Manual lubrication on a crane shall comply with subrule (3)(c) of this rule.

(7) An accumulation of dirt on a crane that would create a hazardous condition shall be removed.

History: 1954 ACS 76, Eff. July 25, 1973; 1954 ACS 82, Eff. Dec. 31, 1974; 1979 AC; 2002 MR 7, Eff. Apr. 10, 2002.

**PART 1. ADMINISTRATION**

**R 421.15 Determination of normal seasonal work period of seasonal employer.**

Rule 15. (1) The normal seasonal work period of a seasonal employer shall be determined by the agency to be the period selected by the employer if the period is not more than 26 weeks and falls within the earliest beginning and latest ending dates of the employer's work seasons in the previous 5 years or in as many years as the employer has operated the business in

**Annual Administrative Code Supplement**  
**2002 Edition**

Michigan if less than 5 years or is within the expected seasonal work period if the employer has not operated the business in Michigan.

(2) If the employer does not request designation of a period as the normal seasonal work period, then the agency shall determine the normal seasonal work period to be the entire period falling within the earliest beginning and latest ending dates of the employer's work seasons in the previous 5 years or in as many years as the employer has operated the business in Michigan if less than 5 years or to be the employer's expected seasonal work period if the employer has not operated the business in Michigan. If, however, the period is more than 26 weeks, then the normal seasonal work period shall be the most recent seasonal period of the employer that is not more than 26 weeks.

(3) The determination shall be based on all of the following information:

(a) A statement from the employer indicating the beginning and ending dates of the employer's seasonal work periods in Michigan for each of the previous 5 calendar years or for as many years as the employer has operated the business if less than 5 years. If an employer has not previously operated the business in Michigan, then the agency shall obtain, from the employer, a statement of the employer's expected seasonal work period.

(b) A statement from the employer indicating the period the employer requests to designate as the normal seasonal work period, if any.

(c) General employment information about the employer that is in the possession of the agency and, if necessary, further clarifying information requested from the employer.

(4) After a work period has been determined by the agency, the employer's normal seasonal work period will not be redetermined by the agency unless the agency discovers relevant new information, or unless not less than 20 days before the start of the previously determined normal seasonal work period at least 1 of the following provisions is satisfied:

(a) The agency receives a request from an employer for a change that gives reasons for making the request, and the request is granted by the agency. The agency shall grant the request if the employer's reason for making the request is that there has been a substantial change in the operation of the business that necessitates changing the normal seasonal work period.

(b) The employer provides the agency with information about the employer's most recent seasonal work period, when the prior determination or redetermination was based on a history of less than 5 years of operating the business in Michigan or was based on the employer's expected seasonal work period.

(5) If the normal seasonal work period is redetermined, then the new normal seasonal work period will be used to establish denial periods beginning after the end of the newly redetermined normal seasonal work period.

History: 1996 MR 7; Eff. July 16, 1996; 2002 MR 7, Eff. Apr. 10, 2002.

**PART 19. CRAWLER, LOCOMOTIVE, AND TRUCK CRANES**

**R 408.11913**

Source: 1991 AACS.

**R 408.11916**

Source: 1997 AACS.

**R 408.11937**

Source: 1989 AACS.

**R 408.11943**

Source: 1989 AACS.

**PART 20. UNDERHUNG CRANES AND MONORAIL SYSTEMS**

**R 408.12001**

Source: 1990 AACS.

**R 408.12003**

Source: 1990 AACS.

**R 408.12004**

Source: 1990 AACS.

**R 408.12005**

Source: 1990 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**CONSTRUCTION, INSTALLATION, AND TESTING**

**R 408.12011**  
Source: 1997 AACS.

**R 408.12012**  
Source: 1990 AACS.

**R 408.12013**  
Source: 1990 AACS.

**R 408.12014**  
Source: 1990 AACS.

**R 408.12015**  
Source: 1990 AACS.

**R 408.12016**  
Source: 1990 AACS.

**R 408.12017**  
Source: 1990 AACS.

**R 408.12018**  
Source: 1990 AACS.

**R 408.12019**  
Source: 1990 AACS.

**OPERATORS AND OPERATIONS**

**R 408.12021**  
Source: 1990 AACS.

**R 408.12022**  
Source: 1990 AACS.

**R 408.12023**  
Source: 1990 AACS.

**R 408.12024**  
Source: 1990 AACS.

**R 408.12025**  
Source: 1990 AACS.

**R 408.12026**  
Source: 1990 AACS.

**R 408.12031**  
Source: 1990 AACS.

**R 408.12032**  
Source: 1990 AACS.

**R 408.12033**  
Source: 1990 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.12034**  
**Source:** 1990 AACS.

**R 408.12035**  
**Source:** 1990 AACS.

**INSPECTION AND MAINTENANCE**

**R 408.12041**  
**Source:** 1990 AACS.

**R 408.12042**  
**Source:** 1990 AACS.

**R 408.12043**  
**Source:** 1990 AACS.

**R 408.12044**  
**Source:** 1990 AACS.

**R 408.12045**  
**Source:** 1990 AACS.

**PART 21. POWERED INDUSTRIAL TRUCKS**

**R 408.12102**  
**Source:** 1998-2000 AACS.

**R 408.12103**  
**Source:** 1998-2000 AACS.

**R 408.12104**  
**Source:** 1998-2000 AACS.

**R 408.12105**  
**Source:** 1998-2000 AACS.

**R 408.12106**  
**Source:** 1998-2000 AACS.

**R 408. 12109.**  
**Source:** 1998-2000 AACS.

**R 408.12110**  
**Source:** 1998-2000 AACS.

**R 408.12111**  
**Source:** 1998-2000 AACS.

**R 408.12121**  
**Source:** 1998-2000 AACS.

**R 408.12130**  
**Source:** 1998-2000 AACS.

**R 408.12132**  
**Source:** 1998-2000 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.12134**  
Source: 1998-2000 AACS.

**R 408.12135**  
Source: 1998-2000 AACS.

**R 408.12136**  
Source: 1998-2000 AACS.

**R 408.12137**  
Source: 1998-2000 AACS.

**R 408.12138**  
Source: 1998-2000 AACS.

**R 408.12143**  
Source: 1983 AACS.

**R 408.12151**  
Source: 1998-2000 AACS.

**R 408.12152**  
Source: 1998-2000 AACS.

**R 408.12153**  
Source: 1983 AACS.

**R 408.12154**  
Source: 1998-2000 AACS.

**R 408.12155**  
Source: 1998-2000 AACS.

**R 408.12161**  
Source: 1980 AACS.

**R 408.12162**  
Source: 1983 AACS.

**R 408.12163**  
Source: 1998-2000 AACS.

**R 408.12164**  
Source: 1998-2000 AACS.

**R 408.12171**  
Source: 1998-2000 AACS.

**R 408.12172**  
Source: 1998-2000 AACS.

**R 408.12173**  
Source: 1998-2000 AACS.

**R 408.12176.**  
Source: 1998-2000 AACS.

**R 408.12177**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1983 AACS.

**R 408.12179**

**Source:** 1983 AACS.

**R 408.12183**

**Source:** 1983 AACS.

**R 408.12184**

**Source:** 1983 AACS.

**R 408.12190**

**Source:** 1983 AACS.

**PART 23. HYDRAULIC POWER PRESSES**

**R 408.12336**

**Source:** 1997 AACS.

**PART 24. MECHANICAL POWER PRESSES**

**R 408.12401**

**Source:** 1990 AACS.

**R 408.12403**

**Source:** 1990 AACS.

**R 408.12404**

**Source:** 1990 AACS.

**R 408.12407**

**Source:** 1990 AACS.

**R 408.12411**

**Source:** 1993 AACS.

**R 408.12412**

**Source:** 1993 AACS.

**R 408.12413**

**Source:** 1990 AACS.

**R 408.12428**

**Source:** 1990 AACS.

**R 408.12442**

**Source:** 1990 AACS.

**R 408.12443**

**Source:** 1990 AACS.

**SAFEGUARDING THE POINT OF OPERATION**

**R 408.12461**

**Source:** 1990 AACS.

**R 408.12463**

**Source:** 1993 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**DIE DESIGN, CONSTRUCTION, SETTING, AND FEEDING**

**R 408.12471**  
Source: 1990 AACS.

**R 408.12472**  
Source: 1990 AACS.

**R 408.12473**  
Source: 1990 AACS.

**R 408.12474**  
Source: 1990 AACS.

**R 408.12477**  
Source: 1990 AACS.

**PART 25. MANLIFTS**

**R 408.12501**  
Source: 1997 AACS.

**PART 26. METALWORKING MACHINERY**

**R 408.12605**  
Source: 1991 AACS.

**R 408.12607**  
Source: 1991 AACS.

**R 408.12613**  
Source: 1997 AACS.

**R 408.12614**  
Source: 1991 AACS.

**R 408.12615**  
Source: 1997 AACS.

**R 408.12617**  
Source: 1997 AACS.

**R 408.12620**  
Source: 1991 AACS.

**R 408.12633**  
Source: 1991 AACS.

**R 408.12635**  
Source: 1991 AACS.

**R 408.12636**  
Source: 1991 AACS.

**R 408.12639**  
Source: 1991 AACS.

**R 408.12640**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1991 AACS.

**R 408.12641**

**Source:** 1991 AACS.

**R 408.12642**

**Source:** 1991 AACS.

**R 408.12646**

**Source:** 1991 AACS.

**R 408.12650**

**Source:** 1991 AACS.

**PART 27. WOODWORKING MACHINERY**

**R 408.12715**

**Source:** 1997 AACS.

**R 408.12716**

**Source:** 1997 AACS.

**R 408.12718**

**Source:** 1981 AACS.

**R 408.12727**

**Source:** 1981 AACS.

**R 408.12728**

**Source:** 1983 AACS.

**R 408.12730**

**Source:** 1983 AACS.

**R 408.12751**

**Source:** 1981 AACS.

**R 408.12793**

**Source:** 1981 AACS.

**R 408.12798**

**Source:** 1983 AACS.

**PART 31. PERSONAL PROTECTIVE EQUIPMENT**

**R 408.13101**

**Source:** 1997 AACS.

**R 408.13102**

**Source:** 1997 AACS.

**R 408.13103**

**Source:** 1997 AACS.

**R 408.13104**

**Source:** 1997 AACS.

**R 408.13105**

**Source:** 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.13106**  
Source: 1997 AACS.

**R 408.13107**  
Source: 1997 AACS.

**R 408.13108**  
Source: 1997 AACS.

**R 408.13109**  
Source: 1997 AACS.

**R 408.13110**  
Source: 1997 AACS.

**R 408.13111**  
Source: 1997 AACS.

**R 408.13112**  
Source: 1997 AACS.

**R 408.13113**  
Source: 1997 AACS.

**R 408.13114**  
Source: 1997 AACS.

**R 408.13115**  
Source: 1997 AACS.

**R 408.13116**  
Source: 1997 AACS.

**R 408.13117**  
Source: 1997 AACS.

**R 408.13118**  
Source: 1997 AACS.

**R 408.13119**  
Source: 1997 AACS.

**R 408.13120**  
Source: 1997 AACS.

**R 408.13121**  
Source: 1997 AACS.

**R 408.13122**  
Source: 1997 AACS.

**R 408.13123**  
Source: 1997 AACS.

**R 408.13124**  
Source: 1997 AACS.

**R 408.13125**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.13126**  
Source: 1997 AACS.

**R 408.13127**  
Source: 1997 AACS.

**R 408.13128**  
Source: 1997 AACS.

**R 408.13129**  
Source: 1997 AACS.

**R 408.13130**  
Source: 1997 AACS.

**R 408.13131**  
Source: 1997 AACS.

**R 408.13132**  
Source: 1997 AACS.

**R 408.13133**  
Source: 1997 AACS.

**R 408.13134**  
Source: 1997 AACS.

**R 408.13135**  
Source: 1997 AACS.

**PART 32. HEAD PROTECTION EQUIPMENT**

**R 408.13201**  
Source: 1997 AACS.

**R 408.13203**  
Source: 1997 AACS.

**R 408.13205**  
Source: 1997 AACS.

**R 408.13211**  
Source: 1997 AACS.

**R 408.13221**  
Source: 1997 AACS.

**R 408.13222**  
Source: 1997 AACS.

**R 408.13231**  
Source: 1997 AACS.

**R 408.13241**  
Source: 1997 AACS.

**PART 33. PERSONAL PROTECTIVE EQUIPMENT**

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.13301**  
Source: 1983 AACS.

**R 408.13302**  
Source: 1983 AACS.

**R 408.13303**  
Source: 1983 AACS.

**R 408.13304**  
Source: 1983 AACS.

**R 408.13305**  
Source: 1983 AACS.

**R 408.13306**  
Source: 1983 AACS.

**R 408.13308**  
Source: 1995 AACS.

**R 408.13309**  
Source: 1995 AACS.

**R 408.13310**  
Source: 1997 AACS.

**FACE AND EYE PROTECTION**

**R 408.13311**  
Source: 1997 AACS.

**R 408.13312**  
Source: 1997 AACS.

**R 408.13313**  
Source: 1983 AACS.

**R 408.13320**  
Source: 1983 AACS.

**R 408.13321**  
Source: 1983 AACS.

**R 408.13322**  
Source: 1983 AACS.

**R 408.13323**  
Source: 1983 AACS.

**R 408.13324**  
Source: 1995 AACS.

**R 408.13325**  
Source: 1983 AACS.

**R 408.13327**  
Source: 1983 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.13329**  
Source: 1983 AACS.

**R 408.13330**  
Source: 1983 AACS.

**R 408.13332**  
Source: 1983 AACS.

**R 408.13340**  
Source: 1983 AACS.

**R 408.13342**  
Source: 1983 AACS.

**R 408.13343**  
Source: 1983 AACS.

**R 408.13344**  
Source: 1983 AACS.

**R 408.13345**  
Source: 1983 AACS.

**R 408.13346**  
Source: 1983 AACS.

**R 408.13347**  
Source: 1983 AACS.

**EYE PROTECTORS**

**R 408.13350**  
Source: 1997 AACS.

**R 408.13352**  
Source: 1983 AACS.

**R 408.13353**  
Source: 1983 AACS.

**R 408.13355**  
Source: 1983 AACS.

**R 408.13356**  
Source: 1983 AACS.

**R 408.13357**  
Source: 1983 AACS.

**R 408.13359**  
Source: 1983 AACS.

**R 408.13360**  
Source: 1983 AACS.

**R 408.13362**  
Source: 1983 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.13363**  
**Source:** 1983 AACS.

**R 408.13364**  
**Source:** 1983 AACS.

**R 408.13366**  
**Source:** 1983 AACS.

**R 408.13367**  
**Source:** 1983 AACS.

**R 408.13369**  
**Source:** 1983 AACS.

**HEAD PROTECTION EQUIPMENT**

**R 408.13370**  
**Source:** 1997 AACS.

**R 408.13372**  
**Source:** 1997 AACS.

**R 408.13375**  
**Source:** 1995 AACS.

**R 408.13376**  
**Source:** 1983 AACS.

**R 408.13378**  
**Source:** 1983 AACS.

**FOOT PROTECTION**

**R 408.13383**  
**Source:** 1997 AACS.

**R 408.13384**  
**Source:** 1983 AACS.

**R 408.13385**  
**Source:** 1997 AACS.

**R 408.13386**  
**Source:** 1983 AACS.

**ELECTRICAL PROTECTIVE EQUIPMENT**

**R 408.13387**  
**Source:** 1997 AACS.

**R 408.13390**  
**Source:** 1997 AACS.

**HAND PROTECTION**

**R 408.13392**  
**Source:** 1995 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.13394**  
Source: 1997 AACS.

**R 408.13398**  
Source: 1983 AACS.

**PART 35. FACE AND EYE PROTECTION**

**R 408.13501—R 408.13569**  
Source: 1997 AACS.

**R 408.13503**  
Source: 1997 AACS.

**R 408.13504**  
Source: 1997 AACS.

**R 408.13505**  
Source: 1997 AACS.

**R 408.13506**  
Source: 1997 AACS.

**R 408.13508**  
Source: 1997 AACS.

**R 408.13511**  
Source: 1997 AACS.

**R 408.13512**  
Source: 1997 AACS.

**R 408.13513**  
Source: 1997 AACS.

**R 408.13514**  
Source: 1997 AACS.

**R 408.13521**  
Source: 1997 AACS.

**R 408.13522**  
Source: 1997 AACS.

**R 408.13523**  
Source: 1997 AACS.

**R 408.13524**  
Source: 1997 AACS.

**R 408.13525**  
Source: 1997 AACS.

**R 408.13526**  
Source: 1997 AACS.

**R 408.13528**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.13530**  
Source: 1997 AACS.

**R 408.13531**  
Source: 1997 AACS.

**R 408.13533**  
Source: 1997 AACS.

**R 408.13541**  
Source: 1997 AACS.

**R 408.13542**  
Source: 1997 AACS.

**R 408.13543**  
Source: 1997 AACS.

**R 408.13544**  
Source: 1997 AACS.

**R 408.13545**  
Source: 1997 AACS.

**R 408.13546**  
Source: 1997 AACS.

**R 408.13547**  
Source: 1997 AACS.

**R 408.13551**  
Source: 1997 AACS.

**R 408.13552**  
Source: 1997 AACS.

**R 408.13553**  
Source: 1997 AACS.

**R 408.13555**  
Source: 1997 AACS.

**R 408.13556**  
Source: 1997 AACS.

**R 408.13557**  
Source: 1997 AACS.

**R 408.13559**  
Source: 1997 AACS.

**R 408.13560**  
Source: 1997 AACS.

**R 408.13562**  
Source: 1997 AACS.

**R 408.13563**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.13564**  
Source: 1997 AACS.

**R 408.13566**  
Source: 1997 AACS.

**R 408.13567**  
Source: 1997 AACS.

**R 408.13569**  
Source: 1997 AACS.

**PART 37. ACCIDENT PREVENTION SIGNS AND TAGS**

**TAGS**

**R 408.13703**  
Source: 1983 AACS.

**R 408.13707**  
Source: 1983 AACS.

**R 408.13708**  
Source: 1983 AACS.

**R 408.13711**  
Source: 1983 AACS.

**R 408.13713**  
Source: 1983 AACS.

**R 408.13714**  
Source: 1983 AACS.

**R 408.13715**  
Source: 1983 AACS.

**R 408.13716**  
Source: 1983 AACS.

**R 408.13717**  
Source: 1997 AACS.

**R 408.13718**  
Source: 1997 AACS.

**R 408.13721**  
Source: 1983 AACS.

**R 408.13722**  
Source: 1997 AACS.

**R 408.13731**  
Source: 1988 AACS.

**R 408.13732**  
Source: 1983 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.13733**  
Source: 1983 AACS.

**R 408.13734**  
Source: 1983 AACS.

**R 408.13735**  
Source: 1983 AACS.

**R 408.13736**  
Source: 1997 AACS.

**PART 38. HAND AND PORTABLE POWERED TOOLS**

**R 408.13811**  
Source: 1993 AACS.

**R 408.13812**  
Source: 1993 AACS.

**R 408.13821**  
Source: 1983 AACS.

**R 408.13822**  
Source: 1983 AACS.

**R 408.13823**  
Source: 1983 AACS.

**R 408.13832**  
Source: 1997 AACS.

**R 408.13847**  
Source: 1983 AACS.

**R 408.13861**  
Source: 1983 AACS.

**R 408.13865**  
Source: 1983 AACS.

**R 408.13871**  
Source: 1983 AACS.

**R 408.13872**  
Source: 1983 AACS.

**R 408.13873**  
Source: 1983 AACS.

**R 408.13874**  
Source: 1983 AACS.

**R 408.13875**  
Source: 1983 AACS.

**R 408.13876**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.13881**  
**Source:** 1983 AACS.

**R 408.13882**  
**Source:** 1993 AACS.

**PART 39. DESIGN SAFETY STANDARDS FOR ELECTRICAL SYSTEMS**

**R 408.13901**  
**Source:** 1994 AACS.

**R 408.13902**  
**Source:** 1994 AACS.

**PART 40. SAFETY-RELATED WORK PRACTICES**

**R 408.14001**  
**Source:** 1992 AACS.

**R 408.14002**  
**Source:** 1992 AACS.

**R 408.14003**  
**Source:** 1992 AACS.

**R 408.14004**  
**Source:** 1992 AACS.

**R 408.14005**  
**Source:** 1992 AACS.

**R 408.14006**  
**Source:** 1992 AACS.

**R 408.14007**  
**Source:** 1992 AACS.

**R 408.14008**  
**Source:** 1992 AACS.

**R 408.14009**  
**Source:** 1992 AACS.

**PART 42. FORGING**

**R 408.14204**  
**Source:** 1989 AACS.

**R 408.14221**  
**Source:** 1997 AACS.

**R 408.14225**  
**Source:** 1997 AACS.

**R 408.14232**  
**Source:** 1989 AACS.

**PART 44. FOUNDRIES**

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.14421**  
**Source:** 1988 AACS.

**R 408.14423**  
**Source:** 1997 AACS.

**R 408.14425**  
**Source:** 1997 AACS.

**R 408.14426**  
**Source:** 1997 AACS.

**R 408.14427**  
**Source:** 1997 AACS.

**R 408.14431**  
**Source:** 1997 AACS.

**R 408.14433**  
**Source:** 1988 AACS.

**R 408.14436**  
**Source:** 1988 AACS.

**R 408.14438**  
**Source:** 1997 AACS.

**R 408.14447**  
**Source:** 1997 AACS.

**R 408.14451**  
**Source:** 1988 AACS.

**R 408.14461**  
**Source:** 1988 AACS.

**R 408.14463**  
**Source:** 1988 AACS.

**R 408.14465**  
**Source:** 1988 AACS.

**R 408.14466**  
**Source:** 1988 AACS.

**R 408.14471**  
**Source:** 1988 AACS.

**R 408.14474**  
**Source:** 1997 AACS.

**R 408.14477**  
**Source:** 1997 AACS.

**R 408.14478**  
**Source:** 1988 AACS.

**R 408.14479**  
**Source:** 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.14481**  
Source: 1997 AACS.

**R 408.14483**  
Source: 1997 AACS.

**R 408.14485**  
Source: 1997 AACS.

**R 408.14486**  
Source: 1997 AACS.

**R 408.14488**  
Source: 1988 AACS.

**R 408.14492**  
Source: 1988 AACS.

**R 408.14493**  
Source: 1988 AACS.

**R 408.14494**  
Source: 1997 AACS.

**R 408.14496**  
Source: 1997 AACS.

**PART 45. DIE CASTING**

**R 408.14511**  
Source: 1983 AACS.

**R 408.14515**  
Source: 1997 AACS.

**R 408.14517**  
Source: 1997 AACS.

**EQUIPMENT INSTALLATION AND MAINTENANCE**

**R 408.14521**  
Source: 1997 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**

**BUREAU OF SAFETY AND REGULATION**

**GENERAL INDUSTRY SAFETY STANDARDS COMMISSION**

**PART 49. SLINGS**

**R 408.14913**  
Source: 1998-2000 AACS.

**R 408.14923**  
Source: 1998-2000 AACS.



**PART 51. LOGGING**

**GENERAL PROVISIONS**

**R 408.15101**  
Source: 1996 AACS.

**R 408.15105**  
Source: 1996 AACS.

**R 408.15106**  
Source: 1996 AACS.

**R 408.15107**  
Source: 1996 AACS.

**R 408.15108**  
Source: 1996 AACS.

**EMPLOYER-EMPLOYEE RESPONSIBILITIES**

**R 408.15112**  
Source: 1989 AACS.

**R 408.15113**  
Source: 1989 AACS.

**R 408.15114**  
Source: 1996 AACS.

**R 408.15116**  
Source: 1989 AACS.

**R 408.15117**  
Source: 1996 AACS.

**R 408.15118**  
Source: 1996 AACS.

**R 408.15119**  
Source: 1996 AACS.

**PERSONAL PROTECTIVE EQUIPMENT**

**R 408.15120**  
Source: 1996 AACS.

**R 408.15122**  
Source: 1996 AACS.

**R 408.15123**  
Source: 1996 AACS.

**R 408.15124**  
Source: 1996 AACS.

**R 408.15125**  
Source: 1996 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.15127**  
**Source:** 1996 AACS.

**PROTECTIVE EQUIPMENT**

**HAND-HELD CHAIN SAWS**

**R 408.15130**  
**Source:** 1996 AACS.

**R 408.15131**  
**Source:** 1996 AACS.

**R 408.15132**  
**Source:** 1997 AACS.

**R 408.15133**  
**Source:** 1997 AACS.

**R 408.15134**  
**Source:** 1997 AACS.

**R 408.15135**  
**Source:** 1997 AACS.

**R 408.15136**  
**Source:** 1996 AACS.

**OTHER SAWS**

**R 408.15137**  
**Source:** 1989 AACS.

**R 408.15138**  
**Source:** 1989 AACS.

**LOGGING EQUIPMENT**

**R 408.15142**  
**Source:** 1996 AACS.

**R 408.15143**  
**Source:** 1989 AACS.

**R 408.15144**  
**Source:** 1996 AACS.

**R 408.15145**  
**Source:** 1997 AACS.

**R 408.15146**  
**Source:** 1996 AACS.

**R 408.15147**  
**Source:** 1997 AACS.

**R 408.15148**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1996 AACS.

**R 408.15149**

**Source:** 1996 AACS.

**R 408.15150**

**Source:** 1996 AACS.

**FELLING, LIMBING, BUCKING, AND SKIDDING**

**R 408.15151**

**Source:** 1996 AACS.

**R 408.15153**

**Source:** 1989 AACS.

**R 408.15154**

**Source:** 1989 AACS.

**R 408.15155**

**Source:** 1996 AACS.

**R 408.15156**

**Source:** 1996 AACS.

**R 408.15157**

**Source:** 1996 AACS.

**R 408.15158**

**Source:** 1996 AACS.

**R 408.15159**

**Source:** 1997 AACS.

**LOADING AND DECKING**

**R 408.15161**

**Source:** 1997 AACS.

**R 408.15162**

**Source:** 1997 AACS.

**R 408.15163**

**Source:** 1997 AACS.

**R 408.15164**

**Source:** 1997 AACS.

**TRUCK EQUIPMENT AND OPERATION**

**R 408.15171**

**Source:** 1997 AACS.

**R 408.15173**

**Source:** 1997 AACS.

**R 408.15174**

**Source:** 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.15175**  
Source: 1996 AACS.

**R 408.15180**  
Source: 1989 AACS.

**R 408.15181**  
Source: 1989 AACS.

**PART 52. SAWMILLS**

**R 408.15202**  
Source: 1989 AACS.

**R 408.15203**  
Source: 1989 AACS.

**R 408.15204**  
Source: 1989 AACS.

**R 408.15205**  
Source: 1989 AACS.

**R 408.15207**  
Source: 1989 AACS.

**R 408.15211**  
Source: 1989 AACS.

**R 408.15212**  
Source: 1989 AACS.

**R 408.15222**  
Source: 1989 AACS.

**R 408.15225**  
Source: 1989 AACS.

**R 408.15226**  
Source: 1989 AACS.

**SPECIFIC EQUIPMENT**

**R 408.15231**  
Source: 1989 AACS.

**R 408.15232**  
Source: 1989 AACS.

**R 408.15233**  
Source: 1989 AACS.

**R 408.15234**  
Source: 1989 AACS.

**R 408.15241**  
Source: 1989 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.15242**  
Source: 1989 AACS.

**R 408.15246**  
Source: 1989 AACS.

**R 408.15247**  
Source: 1989 AACS.

**R 408.15262**  
Source: 1989 AACS.

**LOG AND MATERIAL HANDLING AND STORAGE**

**R 408.15273**  
Source: 1989 AACS.

**R 408.15274**  
Source: 1983 AACS.

**R 408.15275**  
Source: 1997 AACS.

**R 408.15277**  
Source: 1997 AACS.

**PART 53. TREE TRIMMING AND REMOVAL**

**R 408.15313**  
Source: 1983 AACS.

**PART 54. POWERED GROUNDSKEEPING EQUIPMENT**

**R 408.15411**  
Source: 1983 AACS.

**R 408.15413**  
Source: 1983 AACS.

**R 408.15415**  
Source: 1983 AACS.

**R 408.15416**  
Source: 1983 AACS.

**R 408.15421**  
Source: 1997 AACS.

**R 408.15422**  
Source: 1983 AACS.

**R 408.15423**  
Source: 1997 AACS.

**R 408.15424**  
Source: 1997 AACS.

**R 408.15425**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.15429**  
Source: 1983 AACS.

**R 408.15431**  
Source: 1997 AACS.

**R 408.15452**  
Source: 1983 AACS.

**R 408.15461**  
Source: 1983 AACS.

**PART 55. EXPLOSIVES**

**R 408.15501**  
Source: 1998-2000 AACS.

**PART 56. STORAGE AND HANDLING OF LIQUEFIED PETROLEUM GASES**

**R 408.15601**  
Source: 1998-2000 AACS.

**PART 57. OIL AND GAS DRILLING AND SERVICING OPERATIONS**

**R 408.15701**  
Source: 1989 AACS.

**R 408.15703**  
Source: 1989 AACS.

**R 408.15704**  
Source: 1989 AACS.

**R 408.15705**  
Source: 1989 AACS.

**R 408.15706**  
Source: 1989 AACS.

**R 408.15707**  
Source: 1989 AACS.

**R 408.15708**  
Source: 1989 AACS.

**R 408.15711**  
Source: 1989 AACS.

**R 408.15712**  
Source: 1989 AACS.

**R 408.15713**  
Source: 1989 AACS.

**R 408.15715**  
Source: 1989 AACS.

**R 408.15718**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1989 AACS.

**R 408.15719**

**Source:** 1989 AACS.

**R 408.15721**

**Source:** 1989 AACS.

**R 408.15722**

**Source:** 1989 AACS.

**R 408.15723**

**Source:** 1989 AACS.

**R 408.15725**

**Source:** 1989 AACS.

**R 408.15726**

**Source:** 1989 AACS.

**EQUIPMENT**

**R 408.15731**

**Source:** 1989 AACS.

**R 408.15732**

**Source:** 1989 AACS.

**R 408.15734**

**Source:** 1989 AACS.

**R 408.15736**

**Source:** 1989 AACS.

**R 408.15737**

**Source:** 1994 AACS.

**R 408.15739**

**Source:** 1989 AACS.

**R 408.15741**

**Source:** 1989 AACS.

**R 408.15743**

**Source:** 1989 AACS.

**R 408.15744**

**Source:** 1989 AACS.

**R 408.15745**

**Source:** 1989 AACS.

**R 408.15753**

**Source:** 1989 AACS.

**R 408.15754**

**Source:** 1989 AACS.

**R 408.15755**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1997 AACS.

**R 408.15756**

**Source:** 1989 AACS.

**R 408.15757**

**Source:** 1989 AACS.

**OTHER SPECIAL SERVICE OPERATIONS**

**R 408.15761**

**Source:** 1989 AACS.

**R 408.15762**

**Source:** 1989 AACS.

**R 408.15763**

**Source:** 1997 AACS.

**R 408.15764**

**Source:** 1989 AACS.

**R 408.15765**

**Source:** 1997 AACS.

**R 408.15766**

**Source:** 1997 AACS.

**R 408.15767**

**Source:** 1997 AACS.

**R 408.15768**

**Source:** 1989 AACS.

**R 408.15769**

**Source:** 1997 AACS.

**R 408.15771**

**Source:** 1989 AACS.

**PART 58. VEHICLE-MOUNTED ELEVATING AND ROTATING WORK PLATFORMS**

**R 408.15803**

**Source:** 1988 AACS.

**R 408.15830**

**Source:** 1988 AACS.

**R 408.15831**

**Source:** 1988 AACS.

**R 408.15832**

**Source:** 1988 AACS.

**PART 59. HELICOPTERS**

**R 408.15915**

**Source:** 1983 AACS.



**PART 62. PLASTIC MOLDING**

- R 408.16201**  
Source: 1992 AACS.
- R 408.16204**  
Source: 1992 AACS.
- R 408.16206**  
Source: 1992 AACS.
- R 408.16222**  
Source: 1992 AACS.
- R 408.16223**  
Source: 1992 AACS.
- R 408.16225**  
Source: 1992 AACS.
- R 408.16226**  
Source: 1992 AACS.
- R 408.16227**  
Source: 1998-2000 AACS.

**SPECIFIC EQUIPMENT**

- R 408.16231**  
Source: 1992 AACS.
- R 408.16232**  
Source: 1992 AACS.
- R 408.16234**  
Source: 1998-2000 AACS.
- R 408.16235**  
Source: 1992 AACS.
- R 408.16236**  
Source: 1992 AACS.
- R 408.16242**  
Source: 1992 AACS.
- R 408.16243**  
Source: 1992 AACS.
- R 408.16245**  
Source: 1992 AACS.
- R 408.16246**  
Source: 1992 AACS.
- R 408.16251**  
Source: 1992 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**PART 63. PULP, PAPER, AND PAPERBOARD MILLS**

**R 408.16305**  
Source: 1993 AACS.

**R 408.16311**  
Source: 1993 AACS.

**R 408.16313**  
Source: 1993 AACS.

**R 408.16321**  
Source: 1993 AACS.

**R 408.16328**  
Source: 1993 AACS.

**R 408.16333**  
Source: 1983 AACS.

**R 408.16351**  
Source: 1993 AACS.

**R 408.16378**  
Source: 1981 AACS.

**PART 69. COMPRESSED AIR AND GASES, EQUIPMENT, AND SYSTEMS**

**R 408.16901**  
Source: 1998-2000 AACS.

**R 408.16902**  
Source: 1998-2000 AACS.

**PART 71. LAUNDRY AND DRY CLEANING MACHINERY AND OPERATIONS**

**R 408.17111**  
Source: 1983 AACS.

**R 408.17122**  
Source: 1981 AACS.

**R 408.17123**  
Source: 1997 AACS.

**R 408.17124**  
Source: 1997 AACS.

**R 408.17125**  
Source: 1981 AACS.

**R 408.17143**  
Source: 1981 AACS.

**R 408.17147**  
Source: 1997 AACS.

**PART 72. AUTOMOTIVE SERVICE OPERATIONS**

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.17201**  
Source: 1990 AACS.

**R 408.17206**  
Source: 1990 AACS.

**R 408.17235**  
Source: 1993 AACS.

**R 408.17236**  
Source: 1990 AACS.

**R 408.17237**  
Source: 1990 AACS.

**R 408.17253**  
Source: 1990 AACS.

**PART 73. FIRE BRIGADES**

**R 408.17301**  
Source: 1984 AACS.

**R 408.17303**  
Source: 1998-2000 AACS.

**R 408.17305**  
Source: 1984 AACS.

**R 408.17307**  
Source: 1984 AACS.

**R 408.17309**  
Source: 1984 AACS.

**R 408.17310**  
Source: 1998-2000 AACS.

**R 408.17312**  
Source: 1984 AACS.

**R 408.17314**  
Source: 1998-2000 AACS.

**R 408.17315**  
Source: 1998-2000 AACS.

**R 408.17316.**  
Source: 1998-2000 AACS.

**R 408.17317**  
Source: 1998-2000 AACS.

**R 408.17318**  
Source: 1998-2000 AACS.

**R 408.17320**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.17322**  
Source: 1998-2000 AACS.

**PART 74. FIRE FIGHTING**

**R 408.17401**  
Source: 2001 AACS.

**R 408.17402**  
Source: 1988 AACS.

**R 408.17403**  
Source: 2001 AACS.

**R 408.17404**  
Source: 2001 AACS.

**R 408.17405**  
Source: 2001 AACS.

**R 408.17411**  
Source: 2001 AACS.

**R 408.17415**  
Source: 2001 AACS.

**CONSTRUCTION AND USE OF EQUIPMENT**

**R 408.17421**  
Source: 2001 AACS.

**R 408.17422**  
Source: 2001 AACS.

**R 408.17423**  
Source: 2001 AACS.

**R 408.17424**  
Source: 2001 AACS.

**R 408.17425**  
Source: 2001 AACS.

**R 408.17426**  
Source: 2001 AACS.

**PERSONAL PROTECTIVE EQUIPMENT**

**R 408.17431**  
Source: 2001 AACS.

**R 408.17432**  
Source: 2001 AACS.

**R 408.17433**  
Source: 2001 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.17434**  
Source: 2001 AACS.

**R 408.17435**  
Source: 2001 AACS.

**R 408.17436**  
Source: 2001 AACS.

**R 408.17437**  
Source: 2001 AACS.

**TOOLS**

**R 408.17440**  
Source: 2001 AACS.

**R 408.17442**  
Source: 2001 AACS.

**OPERATIONS**

**R 408.17451**  
Source: 2001 AACS.

**R 408.17452**  
Source: 2001 AACS.

**INSPECTIONS**

**R 408.17461**  
Source: 1993 AACS.

**R 408.17462**  
Source: 1997 AACS.

**R 408.17463**  
Source: 2001 AACS.

**R 408.17464**  
Source: 2001 AACS.

**PART 75. FLAMMABLE AND COMBUSTIBLE LIQUIDS**

**R 408.17501**  
Source: 1982 AACS.

**PART 76. SPRAY FINISHING AND DIP TANKS**

**R 408.17601**  
Source: 1989 AACS.

**R 408.17602**  
Source: 1989 AACS.

**R 408.17603**  
Source: 1989 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.17605**  
Source: 1989 AACS.

**R 408.17607**  
Source: 1989 AACS.

**R 408.17609**  
Source: 1989 AACS.

**R 408.17610**  
Source: 1993 AACS.

**R 408.17612**  
Source: 1993 AACS.

**R 408.17613**  
Source: 1989 AACS.

**R 408.17614**  
Source: 1989 AACS.

**R 408.17615**  
Source: 1993 AACS.

**R 408.17616**  
Source: 1989 AACS.

**R 408.17618**  
Source: 1989 AACS.

**DIP TANKS**

**R 408.17620**  
Source: 1989 AACS.

**R 408.17621**  
Source: 1989 AACS.

**R 408.17622**  
Source: 1989 AACS.

**R 408.17623**  
Source: 1989 AACS.

**R 408.17624**  
Source: 1989 AACS.

**R 408.17630**  
Source: 1989 AACS.

**R 408.17631**  
Source: 1989 AACS.

**R 408.17632**  
Source: 1989 AACS.

**R 408.17633**  
Source: 1989 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**FIRE PROTECTION**

**R 408.17636**  
Source: 1989 AACS.

**R 408.17637**  
Source: 1989 AACS.

**FLAMMABLE AND COMBUSTIBLE LIQUIDS**

**R 408.17640**  
Source: 1989 AACS.

**R 408.17641**  
Source: 1989 AACS.

**ELECTRICAL AND OTHER SOURCES OF IGNITION**

**R 408.17650**  
Source: 1989 AACS.

**R 408.17651**  
Source: 1989 AACS.

**R 408.17696**  
Source: 1989 AACS.

**R 408.17699**  
Source: 1989 AACS.

**PART 77. GRAIN HANDLING FACILITIES**

**R 408.17701**  
Source: 1997 AACS.

**R 408.17702**  
Source: 1988 AACS.

**R 408.17703**  
Source: 1997 AACS.

**R 408.17704**  
Source: 1988 AACS.

**R 408.17705**  
Source: 1997 AACS.

**R 408.17706**  
Source: 1988 AACS.

**R 408.17707**  
Source: 1997 AACS.

**R 408.17708**  
Source: 1988 AACS.

**R 408.17709**  
Source: 1988 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.17710**  
**Source:** 1988 AACS.

**R 408.17711**  
**Source:** 1988 AACS.

**R 408.17712**  
**Source:** 1988 AACS.

**R 408.17713**  
**Source:** 1988 AACS.

**R 408.17714**  
**Source:** 1988 AACS.

**R 408.17715**  
**Source:** 1988 AACS.

**R 408.17716**  
**Source:** 1997 AACS.

**R 408.17717**  
**Source:** 1988 AACS.

**R 408.17719**  
**Source:** 1997 AACS.

**PART 78. ANHYDROUS AMMONIA**

**R 408.17801**  
**Source:** 1998-2000 AACS.

**PART 79. DIVING OPERATIONS**

**R 408.17903**  
**Source:** 1993 AACS.

**R 408.17904**  
**Source:** 1993 AACS.

**R 408.17905**  
**Source:** 1993 AACS.

**R 408.17906**  
**Source:** 1993 AACS.

**R 408.17907**  
**Source:** 1993 AACS.

**R 408.17909**  
**Source:** 1993 AACS.

**R 408.17911**  
**Source:** 1993 AACS.

**R 408.17912**  
**Source:** 1993 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.17913**  
Source: 1993 AACS.

**R 408.17914**  
Source: 1993 AACS.

**R 408.17921**  
Source: 1993 AACS.

**R 408.17922**  
Source: 1993 AACS.

**R 408.17923**  
Source: 1993 AACS.

**R 408.17924**  
Source: 1993 AACS.

**R 408.17925**  
Source: 1993 AACS.

**R 408.17926**  
Source: 1993 AACS.

**R 408.17927**  
Source: 1993 AACS.

**R 408.17931**  
Source: 1993 AACS.

**R 408.17932**  
Source: 1993 AACS.

**R 408.17933**  
Source: 1993 AACS.

**R 408.17934**  
Source: 1993 AACS.

**R 408.17941**  
Source: 1993 AACS.

**R 408.17942**  
Source: 1993 AACS.

**R 408.17945**  
Source: 1993 AACS.

**R 408.17946**  
Source: 1993 AACS.

**R 408.17951**  
Source: 1993 AACS.

**R 408.17952**  
Source: 1993 AACS.

**R 408.17953**  
Source: 1993 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.17954**  
Source: 1993 AACS.

**R 408.17955**  
Source: 1993 AACS.

**R 408.17956**  
Source: 1993 AACS.

**R 408.17957**  
Source: 1993 AACS.

**R 408.17958**  
Source: 1993 AACS.

**R 408.17961**  
Source: 1993 AACS.

**R 408.17962**  
Source: 1993 AACS.

**PART 81. BAKING OPERATIONS**

**R 408.18111**  
Source: 1982 AACS.

**R 408.18114**  
Source: 1982 AACS.

**R 408.18116**  
Source: 1982 AACS.

**R 408.18117**  
Source: 1982 AACS.

**R 408.18121**  
Source: 1982 AACS.

**R 408.18122**  
Source: 1982 AACS.

**R 408.18123**  
Source: 1982 AACS.

**R 408.18124**  
Source: 1982 AACS.

**R 408.18126**  
Source: 1982 AACS.

**R 408.18127**  
Source: 1982 AACS.

**R 408.18130**  
Source: 1982 AACS.

**R 408.18134**  
Source: 1982 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.18142**  
Source: 1982 AACS.

**R 408.18143**  
Source: 1982 AACS.

**R 408.18144**  
Source: 1982 AACS.

**R 408.18145**  
Source: 1982 AACS.

**R 408.18146**  
Source: 1982 AACS.

**R 408.18153**  
Source: 1982 AACS.

**R 408.18158**  
Source: 1982 AACS.

**R 408.18171**  
Source: 1982 AACS.

**R 408.18181**  
Source: 1982 AACS.

**PART 85. THE CONTROL OF HAZARDOUS ENERGY SOURCES**

**R 408.18501**  
Source: 1993 AACS.

**R 408.18502**  
Source: 1993 AACS.

**R 408.18599**  
Source: 1993 AACS.

**PART 86. ELECTRIC POWER GENERATION, TRANSMISSION, AND DISTRIBUTION**

**R 408.18601**  
Source: 1995 AACS.

**R 408.18602**  
Source: 1997 AACS.

**PART 90. CONFINED SPACE ENTRY**

**R 408.19001**  
Source: 1993 AACS.

**R 408.19002**  
Source: 1998-2000 AACS.

**PART 91. PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS**

**R 408.19101**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.19102**  
Source: 1998-2000 AACS.

**PART 92. HAZARD COMMUNICATION**

**R 408.19201**  
Source: 1995 AACS.

**R 408.19202**  
Source: 1995 AACS.

**R 408.19203**  
Source: 1995 AACS.

**PART 93. AIR RECEIVERS**

**R 408.19301**  
Source: 1998-2000 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**

**BUREAU OF SAFETY AND REGULATION**

**GENERAL INDUSTRY SAFETY STANDARDS COMMISSION**

**COMPLIANCE AND APPEALS**

**R 408.19901**  
Source: 1998-2000 AACS.

**R 408.19902**  
Source: 1998-2000 AACS.

**R 408.19903**  
Source: 1998-2000 AACS.

**R 408.19904**  
Source: 1998-2000 AACS.

**R 408.19905**  
Source: 1998-2000 AACS.

**R 408.19906**  
Source: 1998-2000 AACS.

**R 408.19907**  
Source: 1998-2000 AACS.

**R 408.19908**  
Source: 1998-2000 AACS.

**R 408.19909**  
Source: 1998-2000 AACS.

**R 408.19910**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1998-2000 AACS.

**DEPARTMENT ORGANIZATION AND GENERAL FUNCTIONS**

**PART 1. DIRECTOR'S OFFICE**

**R 408.20001**

**Source:** 1997 AACS.

**R 408.20002**

**Source:** 1997 AACS.

**R 408.20003**

**Source:** 1997 AACS.

**R 408.20004**

**Source:** 1997 AACS.

**R 408.20005**

**Source:** 1997 AACS.

**R 408.20006**

**Source:** 1997 AACS.

**PART 2. BUREAU OF ADMINISTRATIVE SERVICES**

**R 408.20011**

**Source:** 1997 AACS.

**R 408.20012**

**Source:** 1997 AACS.

**R 408.20013**

**Source:** 1997 AACS.

**R 408.20014**

**Source:** 1997 AACS.

**R 408.20015**

**Source:** 1997 AACS.

**PART 3. BUREAU OF SAFETY AND REGULATION**

**R 408.20021—R 408.20031**

**Source:** 1997 AACS.

**PART 4. EMPLOYMENT RELATIONS COMMISSION**

**R 408.20041**

**Source:** 1997 AACS.

**R 408.20042**

**Source:** 1997 AACS.

**R 408.20043**

**Source:** 1997 AACS.

**PART 5. WORKMEN'S COMPENSATION AGENCIES**

**BUREAU OF WORKMEN'S COMPENSATION**

**R 408.20051**  
Source: 1997 AACS.

**R 408.20052**  
Source: 1997 AACS.

**R 408.20053**  
Source: 1997 AACS.

**R 408.20054**  
Source: 1997 AACS.

**R 408.20055**  
Source: 1997 AACS.

**R 408.20056**  
Source: 1997 AACS.

**R 408.20057**  
Source: 1997 AACS.

**PART 6. EMPLOYMENT SECURITY AGENCIES**

**R 408.20061**  
Source: 1997 AACS.

**R 408.20062**  
Source: 1997 AACS.

**R 408.20063**  
Source: 1997 AACS.

**R 408.20064**  
Source: 1997 AACS.

**R 408.20065**  
Source: 1997 AACS.

**PART 7. OTHER BOARDS AND COMMISSIONS**

**R 408.20071**  
Source: 1997 AACS.

**R 408.20072**  
Source: 1997 AACS.

**R 408.20073**  
Source: 1997 AACS.

**R 408.20074**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.20075**  
Source: 1997 AACS.

**R 408.20076**  
Source: 1997 AACS.

**R 408.20077**  
Source: 1997 AACS.

**R 408.20078**  
Source: 1997 AACS.

**R 408.20079**  
Source: 1997 AACS.

**R 408.20080**  
Source: 1997 AACS.

**R 408.20081**  
Source: 1997 AACS.

**OCCUPATIONAL SAFETY AND HEALTH**

**PART 11. RECORDING AND REPORTING OF OCCUPATIONAL  
INJURIES AND ILLNESSES**

**R 408.22101**  
Source: 2001 AACS.

**R 408.22102**  
Source: 2001 AACS.

**R 408.22103**  
Source: 2001 AACS.

**R 408.22104**  
Source: 1998-2000 AACS.

**R 408.22105**  
Source: 2001 AACS.

**R 408.22106**  
Source: 2001 AACS.

**R 408.22107**  
Source: 2001 AACS.

**R 408.22108**  
Source: 2001 AACS.

**R 408.22109**  
Source: 2001 AACS.

**R 408.22110**  
Source: 2001 AACS.

**R 408.22111**  
Source: 2001 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.22112**  
Source: 2001 AACS.

**R 408.22113**  
Source: 2001 AACS.

**R 408.22114**  
Source: 2001 AACS.

**R 408.22115**  
Source: 2001 AACS.

**R 408.22116**  
Source: 2001 AACS.

**R 408.22117**  
Source: 2001 AACS.

**R 408.22119**  
Source: 2001 AACS.

**R 408.22120**  
Source: 2001 AACS.

**R 408.22121**  
Source: 2001 AACS.

**R 408.22122**  
Source: 2001 AACS.

**R 408.22129**  
Source: 2001 AACS.

**R 408.22130**  
Source: 2001 AACS.

**R 408.22131**  
Source: 2001 AACS.

**R 408.22132**  
Source: 2001 AACS.

**R 408.22133**  
Source: 2001 AACS.

**R 408.22134**  
Source: 2001 AACS.

**R 408.22135**  
Source: 2001 AACS.

**R 408.22136**  
Source: 2001 AACS.

**R 408.22138**  
Source: 2001 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.22139**  
Source: 2001 AACS.

**R 408.22140**  
Source: 2001 AACS.

**R 408.22141**  
Source: 2001 AACS.

**R 408.22142**  
Source: 2001 AACS.

**R 408.22143**  
Source: 2001 AACS.

**R 408.22144**  
Source: 2001 AACS.

**R 408.22151**  
Source: 2001 AACS.

**R 408.22152**  
Source: 2001 AACS.

**R 408.22153**  
Source: 2001 AACS.

**R 408.22154**  
Source: 2001 AACS.

**R 408.22155**  
Source: 2001 AACS.

**R 408.22156**  
Source: 2001 AACS.

**R 408.22157**  
Source: 2001 AACS.

**R 408.22158**  
Source: 2001 AACS.

**R 408.22161**  
Source: 2001 AACS.

**R 408.22162**  
Source: 2001 AACS.

**DEPARTMENT OF CONSUMER & INDUSTRY SERVICES**

**DIRECTOR'S OFFICE**

**MIOSHA SAFETY AND HEALTH STANDARDS**

**PART 12. VARIANCES**

**R 408.22203**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.22213**  
Source: 1998-2000 AACS.

**R 408.22221**  
Source: 1998-2000 AACS.

**R 408.22224**  
Source: 1998-2000 AACS.

**R 408.22227**  
Source: 1998-2000 AACS.

**R 408.22234**  
Source: 1998-2000 AACS.

**R 408.22240**  
Source: 1998-2000 AACS.

**HEARINGS OFFICE**  
**POLITICAL ACTIVITY HEARINGS**

**R 408.22901**  
Source: 1981 AACS.

**R 408.22902**  
Source: 1981 AACS.

**WAGE AND FRINGE BENEFIT HEARINGS**

**R 408.22951**  
Source: 1982 AACS.

**R 408.22952**  
Source: 1982 AACS.

**R 408.22953**  
Source: 1982 AACS.

**R 408.22954**  
Source: 1982 AACS.

**R 408.22955**  
Source: 1982 AACS.

**R 408.22956**  
Source: 1982 AACS.

**R 408.22957**  
Source: 1982 AACS.

**R 408.22958**  
Source: 1982 AACS.

**R 408.22959**  
Source: 1982 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.22960**  
Source: 1982 AACS.

**R 408.22961**  
Source: 1982 AACS.

**R 408.22962**  
Source: 1982 AACS.

**R 408.22963**  
Source: 1982 AACS.

**R 408.22964**  
Source: 1982 AACS.

**R 408.22965**  
Source: 1982 AACS.

**R 408.22966**  
Source: 1982 AACS.

**R 408.22967**  
Source: 1982 AACS.

**R 408.22968**  
Source: 1982 AACS.

**R 408.22969**  
Source: 1982 AACS.

**R 408.22970**  
Source: 1982 AACS.

**R 408.22971**  
Source: 1982 AACS.

**DIRECTOR'S OFFICE**  
**BUILDING OFFICIALS, PLAN REVIEWERS, AND INSPECTORS**

**R 408.30001**  
Source: 1991 AACS.

**R 408.30004**  
Source: 1991 AACS.

**R 408.30007**  
Source: 1991 AACS.

**R 408.30010**  
Source: 1991 AACS.

**R 408.30013**  
Source: 1991 AACS.

**R 408.30016**  
Source: 1991 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.30019**  
Source: 1991 AACS.

**R 408.30022**  
Source: 1991 AACS.

**R 408.30025**  
Source: 1991 AACS.

**R 408.30028**  
Source: 1991 AACS.

**R 408.30031**  
Source: 1991 AACS.

**R 408.30034**  
Source: 1991 AACS.

**R 408.30037**  
Source: 1998-2000 AACS.

**R 408.30040**  
Source: 1991 AACS.

**R 408.30043**  
Source: 1998-2000 AACS.

**R 408.30046**  
Source: 1991 AACS.

**R 408.30049**  
Source: 1991 AACS.

**R 408.30052**  
Source: 1991 AACS.

**R 408.30055**  
Source: 1991 AACS.

**CONSTRUCTION CODE**

**PART 1. ADMINISTRATION AND ENFORCEMENT**

**R 408.30111**  
Source: 1981 AACS.

**R 408.30114**  
Source: 1981 AACS.

**PART 3. APPEAL BOARDS AND HEARINGS**

**R 408.30316**  
Source: 1987 AACS.

**PART 4. BUILDING CODE**

**R 408.30401**

**Annual Administrative Code Supplement**  
**2002 Edition**

Source: 2001 AACS.

**R 408.30402**

Source: 2001 AACS.

**408.30403**

Source: 1998-2000 AACS.

**R 408.30403a**

Source: 1997 AACS.

**R 408.30404**

Source: 2001 AACS.

**R 408.30405**

Source: 2001 AACS.

**R 408.30406**

Source: 2001 AACS.

**R 408.30407**

Source: 1998-2000 AACS.

**R 408.30408**

Source: 2001 AACS.

**R 408.30409**

Source: 2001 AACS.

**R 408.30410**

Source: 2001 AACS.

**R 408.30411**

Source: 2001 AACS.

**R 408.30412**

Source: 2001 AACS.

**R 408.30413**

Source: 1997 AACS.

**R 408.30414**

Source: 1997 AACS.

**R 408.30415**

Source: 1997 AACS.

**R 408.30415a**

Source: 2001 AACS.

**R 408.30416**

Source: 1997 AACS.

**R 408.30417**

Source: 1997 AACS.

**R 408.30418**

Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30419**  
Source: 1997 AACS.
- R 408.30420**  
Source: 1997 AACS.
- R 408.30421**  
Source: 1997 AACS.
- R 408.30422**  
Source: 1997 AACS.
- R 408.30423**  
Source: 1997 AACS.
- R 408.30427**  
Source: 2001 AACS.
- R 408.30427a**  
Source: 2001 AACS.
- R 408.30427b**  
Source: 2001 AACS.
- R 408.30427c**  
Source: 2001 AACS.
- R 408.30427d**  
Source: 2001 AACS.
- R 408.30427e**  
Source: 2001 AACS.
- R 408.30428**  
Source: 1997 AACS.
- R 408.30429**  
Source: 2001 AACS.
- R 408.30430**  
Source: 2001 AACS.
- R 408.30431**  
Source: 1997 AACS.
- R 408.30432**  
Source: 2001 AACS.
- R 408.30433**  
Source: 1998-2000 AACS.
- R 408.30434**  
Source: 1997 AACS.
- R 408.30437**  
Source: 2001 AACS.
- R 408.30442**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.30443**  
**Source:** 2001 AACS.

**R 408.30445**  
**Source:** 1998-2000 AACS.

**R 408.30446**  
**Source:** 1997 AACS.

**R 408.30447**  
**Source:** 2001 AACS.

**R 408.30448**  
**Source:** 2001 AACS.

**R 408.30448a**  
**Source:** 1997 AACS.

**R 408.30448b**  
**Source:** 1997 AACS.

**R 408.30448c**  
**Source:** 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30448d**  
Source: 2001 AACS.
- R 408.30449**  
Source: 2001 AACS.
- R 408.30449a**  
Source: 1997 AACS.
- R 408.30451e**  
Source: 1998-2000 AACS.
- R 408.30451a**  
Source: 1997 AACS.
- R 408.30451b**  
Source: 1997 AACS.
- R 408.30451c**  
Source: 2001 AACS.
- R 408.30451d**  
Source: 1997 AACS.
- R 408.30451e**  
Source: 1995 AACS.
- R 408.30452**  
Source: 1997 AACS.
- R 408.30453**  
Source: 2001 AACS.
- R 408.30454**  
Source: 1998-2000 AACS.
- R 408.30455**  
Source: 1998-2000 AACS.
- R 408.30456**  
Source: 1998-2000 AACS.
- R 408.30457**  
Source: 2001 AACS.
- R 408.30458**  
Source: 2001 AACS.
- R 408.30459**  
Source: 1997 AACS.
- R 408.30460**  
Source: 1997 AACS.
- R 408.30461**  
Source: 2001 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.30475**  
Source: 2001 AACS.

**R 408.30476**  
Source: 2001 AACS.

**R 408.30495**  
Source: 2001 AACS.

**R 408.30495a**  
Source: 1995 AACS.

**R 408.30495b**  
Source: 1997 AACS.

**R 408.30495c**  
Source: 1997 AACS.

**R 408.30495d**  
Source: 1997 AACS.

**R 408.30495e**  
Source: 1997 AACS.

**R 408.30495f**  
Source: 1997 AACS.

**R 408.30495g**  
Source: 1997 AACS.

**R 408.30495h**  
Source: 1997 AACS.

**R 408.30495i**  
Source: 1997 AACS.

**R 408.30495j**  
Source: 1997 AACS.

**R 408.30495k**  
Source: 1997 AACS.

**R 408.30497**  
Source: 2001 AACS.

**R 408.30499**  
Source: 2001 AACS.

**R 408.30499a**  
Source: 2001 AACS.

**RESIDENTIAL CODE**

**R 408.30501**  
Source: 2001 AACS.

**R 408.30502**  
Source: 2001 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.30503**  
Source: 2001 AACS.

**R 408.30504**  
Source: 2001 AACS.

**R 408.30505**  
Source: 2001 AACS.

**R 408.30506**  
Source: 2001 AACS.

**R 408.30507**  
Source: 2001 AACS.

**R 408.30508**  
Source: 2001 AACS.

**R 408.30509**  
Source: 2001 AACS.

**R 408.30510**  
Source: 2001 AACS.

**R 408.30511**  
Source: 2001 AACS.

**R 408.30512**  
Source: 2001 AACS.

**R 408.30513**  
Source: 2001 AACS.

**R 408.30514**  
Source: 2001 AACS.

**R 408.30516**  
Source: 2001 AACS.

**R 408.30517**  
Source: 2001 AACS.

**R 408.30518**  
Source: 2001 AACS.

**R 408.30519**  
Source: 2001 AACS.

**R 408.30520**  
Source: 2001 AACS.

**R 408.30521**  
Source: 2001 AACS.

**R 408.30522**  
Source: 2001 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.30523**  
Source: 2001 AACS.

**R 408.30524**  
Source: 2001 AACS.

**R 408.30525**  
Source: 2001 AACS.

**R 408.30526**  
Source: 2001 AACS.

**R 408.30527**  
Source: 2001 AACS.

**R 408.30528**  
Source: 2001 AACS.

**R 408.30529**  
Source: 2001 AACS.

**R 408.30530**  
Source: 2001 AACS.

**R 408.30531**  
Source: 2001 AACS.

**R 408.30532**  
Source: 2001 AACS.

**R 408.30533**  
Source: 2001 AACS.

**R 408.30534**  
Source: 2001 AACS.

**R 408.30535**  
Source: 2001 AACS.

**R 408.30536**  
Source: 2001 AACS.

**R 408.30537**  
Source: 2001 AACS.

**R 408.30538**  
Source: 2001 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**

**BUREAU OF CONSTRUCTION CODES**

**GENERAL RULES**

**PART 6. MOBILE HOME CODE**

**R 408.30601**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1998-2000 AACS.

**R 408.30611**

**Source:** 1998-2000 AACS.

**R 408.30616**

**Source:** 1998-2000 AACS.

**R 408.30621**

**Source:** 1998-2000 AACS.

**R 408.30626**

**Source:** 1998-2000 AACS.

**R 408.30631**

**Source:** 1998-2000 AACS.

**R 408.30636**

**Source:** 1998-2000 AACS.

**PART 7. PLUMBING CODE**

**R 408.30701**

**Source:** 2001 AACS.

**AMENDMENTS AND ADDITIONS TO BASIC PLUMBING CODE**

**R 408.30711**

**Source:** 2001 AACS.

**R 408.30712**

**Source:** 2001 AACS.

**R 408.30713**

**Source:** 2001 AACS.

**R 408.30714**

**Source:** 2001 AACS.

**R 408.30715**

**Source:** 2001 AACS.

**R 408.30716**

**Source:** 2001 AACS.

**R 408.30717**

**Source:** 2001 AACS.

**R 408.30718**

**Source:** 2001 AACS.

**R 408.30719**

**Source:** 2001 AACS.

**R 408.30720**

**Source:** 2001 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30722**  
Source: 1997 AACS.
- R 408.30723**  
Source: 1997 AACS.
- R 408.30724**  
Source: 1998-2000 AACS.
- R 408.30725**  
Source: 1998-2000 AACS.
- R 408.30725a**  
Source: 1998-2000 AACS.
- R 408.30725b**  
Source: 1998-2000 AACS.
- R 408.30725c**  
Source: 1998-2000 AACS.
- R 408.30726**  
Source: 1998-2000 AACS.
- R 408.30728**  
Source: 2001 AACS.
- R 408.30730**  
Source: 1997 AACS.
- R 408.30731**  
Source: 1997 AACS.
- R 408.30732, R 408.30733**  
Source: 1997 AACS.
- R 408.30734**  
Source: 1998-2000 AACS.
- R 408.30735**  
Source: 2001 AACS.
- R 408.30736**  
Source: 1997 AACS.
- R 408.30737**  
Source: 1998-2000 AACS.
- R 408.30738**  
Source: 1997 AACS.
- R 408.30738a**  
Source: 1998-2000 AACS.
- R 408.30739**  
Source: 1997 AACS.
- R 408.30740**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30740a**  
Source: 2001 AACS.
- R 408.30740b**  
Source: 1998-2000 AACS.
- R 408.30740c**  
Source: 2001 AACS.
- R 408.30741**  
Source: 1997 AACS.
- R 408.30741a**  
Source: 1997 AACS.
- R 408.30741b**  
Source: 1997 AACS.
- R 408.30741c**  
Source: 2001 AACS.
- R 408.30742,**  
Source: 1997 AACS.
- R 408.30743**  
Source: 1997 AACS.
- R 408.30743a**  
Source: 1998-2000 AACS.
- R 408.30743b**  
Source: 1997 AACS.
- R 408.30743c**  
Source: 1998-2000 AACS.
- R 408.30744**  
Source: 1997 AACS.
- R 408.30744a**  
Source: 1998-2000 AACS.
- R 408.30744b**  
Source: 1998-2000 AACS.
- R 408.30744c**  
Source: 1998-2000 AACS.
- R 408.30744d**  
Source: 1998-2000 AACS.
- R 408.30744e**  
Source: 2001 AACS.
- R 408.30744f**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30745**  
Source: 1997 AACS.
- R 408.30745a**  
Source: 1997 AACS.
- R 408.30745b**  
Source: 1997 AACS.
- R 408.30746**  
Source: 1998-2000 AACS.
- R 408.30746a**  
Source: 1997 AACS.
- R 408.30746b**  
Source: 1997 AACS.
- R 408.30747**  
Source: 1997 AACS.
- R 408.30747a**  
Source: 1998-2000 AACS.
- R 408.30747b**  
Source: 1998-2000 AACS.
- R 408.30747c**  
Source: 1997 AACS.
- R 408.30748**  
Source: 1998-2000 AACS.
- R 408.30748a**  
Source: 1997 AACS.
- R 408.30748b**  
Source: 1997 AACS.
- R 408.30748c**  
Source: 1997 AACS.
- R 408.30749**  
Source: 2001 AACS.
- R 408.30749a**  
Source: 1998-2000 AACS.
- R 408.30750**  
Source: 1998-2000 AACS.
- R 408.30751**  
Source: 1997 AACS.
- R 408.30751a**  
Source: 1998-2000 AACS.
- R 408.30752**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30752a**  
Source: 1997 AACS.
- R 408.30753a**  
Source: 1998-2000 AACS.
- R 408.30754**  
Source: 1997 AACS.
- R 408.30754a**  
Source: 1997 AACS.
- R 408.30754b**  
Source: 2001 AACS.
- R 408.30754c**  
Source: 1998-2000 AACS.
- R 408.30755**  
Source: 1997 AACS.
- R 408.30756**  
Source: 1998-2000 AACS.
- R 408.30756a**  
Source: 1998-2000 AACS.
- R 408.30757**  
Source: 2001 AACS.
- R 408.30758**  
Source: 2001 AACS.
- R 408.30758a**  
Source: 1997 AACS.
- R 408.30758b**  
Source: 1997 AACS.
- R 408.30758c**  
Source: 1997 AACS.
- R 408.30758d**  
Source: 1997 AACS.
- R 408.30759**  
Source: 1998-2000 AACS.
- R 408.30759a**  
Source: 2001 AACS.
- R 408.30759b**  
Source: 2001 AACS.
- R 408.30760**  
Source: 2001 AACS.
- R 408.30761**



**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1998-2000 AACS.

**R 408.30761a**

**Source:** 1998-2000 AACS.

**R 408.30761b**

**Source:** 1998-2000 AACS.

**R 408.30761c**

**Source:** 2001 AACS.

**R 408.30762**

**Source:** 1998-2000 AACS.

**R 408.30763**

**Source:** 1998-2000 AACS.

**R 408.30763a**

**Source:** 1998-2000 AACS.

**R 408.30763b**

**Source:** 1998-2000 AACS.

**R 408.30763c**

**Source:** 1998-2000 AACS.

**R 408.30764**

**Source:** 1997 AACS.

**R 408.30765**

**Source:** 1997 AACS.

**R 408.30765a**

**Source:** 1997 AACS.

**R 408.30765b**

**Source:** 1997 AACS.

**R 408.30765c**

**Source:** 1997 AACS.

**R 408.30765d**

**Source:** 1997 AACS.

**R 408.30765e**

**Source:** 1997 AACS.

**R 408.30766**

**Source:** 1997 AACS.

**R 408.30766a**

**Source:** 1997 AACS.

**R 408.30766b**

**Source:** 1997 AACS.

**R 408.30766c**

**Source:** 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.30766d**  
Source: 1997 AACS.

**R 408.30767**  
Source: 1997 AACS.

**R 408.30767a**  
Source: 1997 AACS.

**R 408.30768**  
Source: 1997 AACS.

**R 408.30768a**  
Source: 1997 AACS.

**R 408.30768b**  
Source: 1997 AACS.

**R 408.30769**  
Source: 1997 AACS.

**R 408.30769a**  
Source: 1997 AACS.

**R 408.30769b**  
Source: 1997 AACS.

**R 408.30769c**  
Source: 1997 AACS.

**R 408.30770**  
Source: 1997 AACS.

**R 408.30770a**  
Source: 1997 AACS.

**R 408.30770b**  
Source: 1997 AACS.

**R 408.30771**  
Source: 1997 AACS.

**R 408.30771a**  
Source: 1997 AACS.

**R 408.30771b**  
Source: 1997 AACS.

**R 408.30771c**  
Source: 1997 AACS.

**R 408.30771d**  
Source: 1997 AACS.

**R 408.30771e**  
Source: 1997 AACS.

**R 408.30772**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.30772a**  
Source: 1997 AACS.

**R 408.30772b**  
Source: 1997 AACS.

**R 408.30772c**  
Source: 1997 AACS.

**R 408.30772d**  
Source: 1997 AACS.

**R 408.30772e**  
Source: 1997 AACS.

**R 408.30773**  
Source: 1997 AACS.

**R 408.30773a**  
Source: 1997 AACS.

**R 408.30773b**  
Source: 1997 AACS.

**R 408.30773c**  
Source: 1997 AACS.

**R 408.30773d**  
Source: 1997 AACS.

**R 408.30774**  
Source: 1997 AACS.

**R 408.30774a**  
Source: 1997 AACS.

**R 408.30774b**  
Source: 1997 AACS.

**R 408.30774c**  
Source: 1997 AACS.

**R 408.30774d**  
Source: 1997 AACS.

**R 408.30774e**  
Source: 1997 AACS.

**R 408.30774f**  
Source: 1997 AACS.

**R 408.30775**  
Source: 1997 AACS.

**R 408.30775a**  
Source: 1997 AACS.

**R 408.30775b**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30775c**  
Source: 1997 AACS.
- R 408.30775d**  
Source: 1997 AACS.
- R 408.30776**  
Source: 1997 AACS.
- R 408.30776a**  
Source: 1997 AACS.
- R 408.30776b**  
Source: 1997 AACS.
- R 408.30776c**  
Source: 1997 AACS.
- R 408.30777**  
Source: 1998-2000 AACS.
- R 408.30777a**  
Source: 1998-2000 AACS.
- R 408.30777b**  
Source: 1997 AACS.
- R 408.30777c**  
Source: 1998-2000 AACS.
- R 408.30777d**  
Source: 1998-2000 AACS.
- R 408.30777e**  
Source: 1998-2000 AACS.
- R 408.30778**  
Source: 1998-2000 AACS.
- R 408.30778a**  
Source: 1998-2000 AACS.
- R 408.30778b**  
Source: 1998-2000 AACS.
- R 408.30778c**  
Source: 1998-2000 AACS.
- R 408.30779**  
Source: 1998-2000 AACS.
- R 408.30779a**  
Source: 1998-2000 AACS.
- R 408.30779b**  
Source: 1998-2000 AACS.
- R 408.30780**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.30780a**  
Source: 1998-2000 AACS.

**R 408.30780b**  
Source: 1998-2000 AACS.

**R 408.30780c**  
Source: 1997 AACS.

**R 408.30781**  
Source: 1997 AACS.

**R 408.30782**  
Source: 1997 AACS.

**R 408.30783**  
Source: 1997 AACS.

**R 408.30784**  
Source: 1997 AACS.

**R 408.30785**  
Source: 2001 AACS.

**R 408.30786**  
Source: 2001 AACS.

**R 408.30788**  
Source: 1998-2000 AACS.

**R 408.30788a**  
Source: 1997 AACS.

**R 408.30791**  
Source: 2001 AACS.

**R 408.30793**  
Source: 2001 AACS.

**R 408.30795**  
Source: 2001 AACS.

**R 408.30795a**  
Source: 2001 AACS.

**R 408.30796**  
Source: 2001 AACS.

**PART 8. ELECTRICAL CODE**

**R 408.30801**  
Source: 1998-2000 AACS.

**R 408.30806**  
Source: 1997 AACS.

**AMENDMENTS AND ADDITIONS TO ELECTRICAL CODE**

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30810**  
Source: 1997 AACS.
- R 408.30812**  
Source: 1997 AACS.
- R 408.30815**  
Source: 1981 AACS.
- R 408.30816**  
Source: 1981 AACS.
- R 408.30817**  
Source: 1998-2000 AACS.
- R 408.30818**  
Source: 1998-2000 AACS.
- R 408.30819**  
Source: 1998-2000 AACS.
- R 408.30820**  
Source: 1998-2000 AACS.
- R 408.30821**  
Source: 1997 AACS.
- R 408.30822**  
Source: 1998-2000 AACS.
- R 408.30823**  
Source: 1997 AACS.
- R 408.30824**  
Source: 1981 AACS.
- R 408.30825**  
Source: 1998-2000 AACS.
- R 408.30826**  
Source: 1998-2000 AACS.
- R 408.30827**  
Source: 1998-2000 AACS.
- R 408.30830**  
Source: 1998-2000 AACS.
- R 408.30831**  
Source: 1998-2000 AACS.
- R 408.30832**  
Source: 1997 AACS.
- R 408.30835**  
Source: 1998-2000 AACS.
- R 408.30837**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30838**  
Source: 1997 AACS.
- R 408.30839**  
Source: 1998-2000 AACS.
- R 408.30843**  
Source: 1998-2000 AACS.
- R 408.30865**  
Source: 1997 AACS.
- R 408.30866**  
Source: 1998-2000 AACS.
- R 408.30867**  
Source: 1998-2000 AACS.
- R 408.30868**  
Source: 1998-2000 AACS.
- R 408.30869**  
Source: 1998-2000 AACS.
- R 408.30870**  
Source: 1997 AACS.
- R 408.30871**  
Source: 1995 AACS.
- R 408.30872**  
Source: 1997 AACS.
- R 408.30873**  
Source: 1998-2000 AACS.
- R 408.30880**  
Source: 1997 AACS.

**PART 9. MECHANICAL CODE**

- R 408.30901**  
Source: 1997 AACS.

**PART 9A. MECHANICAL CODE**

- R 408.30901a**  
Source: 2001 AACS.

**AMENDMENTS AND ADDITIONS TO BASIC MECHANICAL CODE**

- R 408.30902a**  
Source: 2001 AACS.
- R 408.30903a**  
Source: 2001 AACS.
- R 408.30904a**

**Annual Administrative Code Supplement**  
**2002 Edition**

Source: 2001 AACS.

**R 408.30905a**

Source: 2001 AACS.

**R 408.30906a**

Source: 2001 AACS.

**R 408.30907a**

Source: 2001 AACS.

**R 408.30908a**

Source: 2001 AACS.

**R 408.30909a**

Source: 2001 AACS.

**R 408.30910a**

Source: 2001 AACS.

**R 408.30912a**

Source: 1997 AACS.

**R 408.30915a**

Source: 2001 AACS.

**R 408.30916a**

Source: 2001 AACS.

**R 408.30917a**

Source: 1998-2000 AACS.

**R 408.30918a**

Source: 2001 AACS.

**R 408.30919a**

Source: 1997 AACS.

**R 408.30920a**

Source: 1998-2000 AACS.

**R 408.30921a**

Source: 1997 AACS.

**R 408.30922a**

Source: 1998-2000 AACS.

**R 408.30923a**

Source: 2001 AACS.

**R 408.30924a**

Source: 2001 AACS.

**R 408.30925a**

Source: 1998-2000 AACS.

**R 408.30926a**

Source: 1998-2000 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30927a**  
Source: 1995 AACS.
- R 408.30928a**  
Source: 2001 AACS.
- R 408.30929a**  
Source: 1998-2000 AACS.
- R 408.30930a**  
Source: 1998-2000 AACS.
- R 408.30931a**  
Source: 1998-2000 AACS.
- R 408.30932a**  
Source: 1998-2000 AACS.
- R 408.30933a**  
Source: 1998-2000 AACS.
- R 408.30935a**  
Source: 2001 AACS.
- R 408.30936a**  
Source: 2001 AACS.
- R 408.30937a**  
Source: 1998-2000 AACS.
- R 408.30938a**  
Source: 1997 AACS.
- R 408.30940a**  
Source: 2001 AACS.
- R 408.30941a**  
Source: 1998-2000 AACS.
- R 408.30942a**  
Source: 1997 AACS.
- R 408.30943a**  
Source: 1997 AACS.
- R 408.30944a**  
Source: 1998-2000 AACS.
- R 408.30946a**  
Source: 1998-2000 AACS.
- R 408.30948a**  
Source: 1998-2000 AACS.
- R 408.30949a**  
Source: 1998-2000 AACS.
- R 408.30951a**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.30952a**  
Source: 1997 AACS.
- R 408.30953a**  
Source: 1998-2000 AACS.
- R 408.30954a**  
Source: 1998-2000 AACS.
- R 408.30955a**  
Source: 1997 AACS.
- R 408.30956a**  
Source: 1998-2000 AACS.
- R 408.30958a**  
Source: 1998-2000 AACS.
- R 408.30960a**  
Source: 1997 AACS.
- R 408.30962a**  
Source: 1998-2000 AACS.
- R 408.30963a**  
Source: 1998-2000 AACS.
- R 408.30964a**  
Source: 1997 AACS.
- R 408.30965a**  
Source: 1998-2000 AACS.
- R 408.30966a**  
Source: 1997 AACS.
- R 408.30967a**  
Source: 1997 AACS.
- R 408.30968a**  
Source: 1997 AACS.
- R 408.30970a**  
Source: 1997 AACS.
- R 408.30971a**  
Source: 1997 AACS.
- R 408.30972a**  
Source: 1997 AACS.
- R 408.30975a**  
Source: 1998-2000 AACS.
- R 408.30977a**  
Source: 1997 AACS.
- R 408.30982a**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.30983a**  
Source: 1998-2000 AACS.

**R 408.30984a**  
Source: 1998-2000 AACS.

**R 408.30987a**  
Source: 1998-2000 AACS.

**R 408.30989a**  
Source: 1997 AACS.

**R 408.30992a**  
Source: 1997 AACS.

**R 408.30995a**  
Source: 2001 AACS.

**R 408.30996**  
Source: 1997 AACS.

**R 408.30997**  
Source: 1997 AACS.

**R 408.30998**  
Source: 1997 AACS.

**PART 10. ENERGY CONSERVATION IN NEW BUILDING DESIGN**

**R 408.31001**  
Source: 1998-2000 AACS.

**R 408.31010**  
Source: 1998-2000 AACS.

**R 408.31020**  
Source: 1998-2000 AACS.

**R 408.31030**  
Source: 1998-2000 AACS.

**R 408.31040**  
Source: 1998-2000 AACS.

**R 408.31041**  
Source: 1998-2000 AACS.

**R 408.31045**  
Source: 1998-2000 AACS.

**R 408.31050**  
Source: 1998-2000 AACS.

**R 408.31055**  
Source: 1998-2000 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**

**Annual Administrative Code Supplement**  
**2002 Edition**

**BUREAU OF CONSTRUCTION CODES**

**GENERAL RULES**

**PART 10. MICHIGAN UNIFORM ENERGY CODE**

**R 408.31061**  
Source: 1998-2000 AACS.

**R 408.31062**  
Source: 1998-2000 AACS.

**R 408.31063**  
Source: 1998-2000 AACS.

**R 408.31064**  
Source: 1998-2000 AACS.

**R 408.31065**  
Source: 1998-2000 AACS.

**R 408.31066**  
Source: 1998-2000 AACS.

**R 408.31070**  
Source: 1998-2000 AACS.

**R 408.31071**  
Source: 1998-2000 AACS.

**R 408.31072**  
Source: 1998-2000 AACS.

**R 408.31073**  
Source: 1998-2000 AACS.

**R 408.31074**  
Source: 1998-2000 AACS.

**R 408.31075**  
Source: 1998-2000 AACS.

**R 408.31076**  
Source: 1998-2000 AACS.

**R 408.31077**  
Source: 1998-2000 AACS.

**R 408.31078**  
Source: 1998-2000 AACS.

**R 408.31079**  
Source: 1998-2000 AACS.

**R 408.31080**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.31081**  
Source: 1998-2000 AACS.

**R 408.31082**  
Source: 1998-2000 AACS.

**R 408.31083**  
Source: 1998-2000 AACS.

**R 408.31084**  
Source: 1998-2000 AACS.

**R 408.31085**  
Source: 1998-2000 AACS.

**R 480.31086**  
Source: 1998-2000 AACS.

**R 408.31099**  
Source: 1998-2000 AACS.

**PART 11. PREMANUFACTURED UNITS**

**R 408.31103**  
Source: 1984 AACS.

**R 408.31104**  
Source: 1984 AACS.

**R 408.31105**  
Source: 1984 AACS.

**R 408.31106**  
Source: 1984 AACS.

**R 408.31111**  
Source: 1984 AACS.

**R 408.31113**  
Source: 1984 AACS.

**R 408.31122**  
Source: 1984 AACS.

**R 408.31132**  
Source: 1984 AACS.

**R 408.31133**  
Source: 1984 AACS.

**R 408.31134**  
Source: 1984 AACS.

**R 408.31135**  
Source: 1984 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.31136**  
Source: 1984 AACS.

**R 408.31137**  
Source: 1984 AACS.

**R 408.31138**  
Source: 1984 AACS.

**R 408.31139**  
Source: 1984 AACS.

**R 408.31141**  
Source: 1984 AACS.

**R 408.31142**  
Source: 1984 AACS.

**R 408.31144**  
Source: 1984 AACS.

**R 408.31145**  
Source: 1984 AACS.

**R 408.31152**  
Source: 1984 AACS.

**R 408.31153**  
Source: 1984 AACS.

**R 408.31162**  
Source: 1984 AACS.

**R 408.31167**  
Source: 1984 AACS.

**R 408.31168**  
Source: 1984 AACS.

**R 408.31172**  
Source: 1984 AACS.

**R 408.31174**  
Source: 1984 AACS.

**R 408.31194**  
Source: 1984 AACS.

**CONSTRUCTION SAFETY STANDARDS**

**PART 1. GENERAL RULES**

**R 408.40101**  
Source: 1983 AACS.

**R 408.40102**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1998-2000 AACS.

**R 408.40103**

**Source:** 1997 AACS.

**R 408.40104**

**Source:** 1997 AACS.

**R 408.40105**

**Source:** 1997 AACS.

**R 408.40106**

**Source:** 1997 AACS.

**R 408.40111**

**Source:** 1997 AACS.

**R 408.40112**

**Source:** 1997 AACS.

**R 408.40114**

**Source:** 1995 AACS.

**R 408.40115**

**Source:** 1995 AACS.

**R 408.40116**

**Source:** 1983 AACS.

**R 408.40118**

**Source:** 1983 AACS.

**R 408.40119**

**Source:** 1983 AACS.

**R 408.40120**

**Source:** 1996 AACS.

**R 408.40121**

**Source:** 1983 AACS.

**R 408.40122**

**Source:** 1998-2000 AACS.

**R 408.40123**

**Source:** 1983 AACS.

**R 408.40125**

**Source:** 1983 AACS.

**R 408.40126**

**Source:** 1983 AACS.

**R 408.40127**

**Source:** 1995 AACS.

**R 408.40128**

**Source:** 1995 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.40129**  
Source: 1995 AACS.

**R 408.40130**  
Source: 1995 AACS.

**R 408.40131**  
Source: 1995 AACS.

**R 408.40132**  
Source: 1995 AACS.

**R 408.40133**  
Source: 1995 AACS.

**PART 2. MASONRY WALL BRACING**

**R 408.40201**  
Source: 1989 AACS.

**R 408.40202**  
Source: 1989 AACS.

**R 408.40203**  
Source: 1989 AACS.

**R 408.40204**  
Source: 1989 AACS.

**R 408.40205**  
Source: 1989 AACS.

**R 408.40206**  
Source: 1989 AACS.

**R 408.40207**  
Source: 1989 AACS.

**R 408.40208**  
Source: 1989 AACS.

**R 408.40209**  
Source: 1989 AACS.

**R 408.40210**  
Source: 1989 AACS.

**PART 6. PERSONAL PROTECTIVE EQUIPMENT**

**R 408.40601**  
Source: 1980 AACS.

**R 408.40615**  
Source: 1998-2000 AACS.

**R 408.40616**  
Source: 1998-2000 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

- R 408.40617**  
Source: 1985 AACS.
- R 408.40621**  
Source: 1998-2000 AACS.
- R 408.40622**  
Source: 1980 AACS.
- R 408.40623**  
Source: 1998-2000 AACS.
- R 408.40624**  
Source: 1988 AACS.
- R 408.40625**  
Source: 1998-2000 AACS.
- R 408.40626**  
Source: 1982 AACS.
- R 408.40627**  
Source: 1980 AACS.
- R 408.40631**  
Source: 1998-2000 AACS.
- R 408.40632**  
Source: 1998-2000 AACS.
- R 408.40633**  
Source: 1996 AACS.
- R 408.40634**  
Source: 1980 AACS.
- R 408.40635**  
Source: 1998-2000 AACS.
- R 408.40636**  
Source: 1980 AACS.
- R 408.40641**  
Source: 1998-2000 AACS.

**PART 7. WELDING AND CUTTING**

- R 408.40701**  
Source: 1980 AACS.
- R 408.40705**  
Source: 1980 AACS.
- R 408.40706**  
Source: 1980 AACS.
- R 408.40707**  
Source: 1980 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.40711**  
Source: 1980 AACS.

**R 408.40712**  
Source: 1980 AACS.

**R 408.40713**  
Source: 1996 AACS.

**R 408.40714**  
Source: 1980 AACS.

**R 408.40715**  
Source: 1980 AACS.

**R 408.40721**  
Source: 1980 AACS.

**R 408.40722**  
Source: 1980 AACS.

**R 408.40723**  
Source: 1980 AACS.

**R 408.40729**  
Source: 1980 AACS.

**R 408.40731**  
Source: 1980 AACS.

**R 408.40732**  
Source: 1980 AACS.

**R 408.40741**  
Source: 1980 AACS.

**R 408.40742**  
Source: 1980 AACS.

**R 408.40743**  
Source: 1980 AACS.

**R 408.40744**  
Source: 1980 AACS.

**R 408.40745**  
Source: 1980 AACS.

**R 408.40746**  
Source: 1982 AACS.

**R 408.40747**  
Source: 1980 AACS.

**R 408.40751**  
Source: 1982 AACS.

**R 408.40761**  
Source: 1980 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.40762**  
Source: 1980 AACS.

**PART 8. HANDLING AND STORAGE OF MATERIALS**

**R 408.40818**  
Source: 1996 AACS.

**R 408.40819**  
Source: 1983 AACS.

**R 408.40821**  
Source: 1996 AACS.

**R 408.40833**  
Source: 1983 AACS.

**R 408.40834**  
Source: 1983 AACS.

**R 408.40836**  
Source: 1983 AACS.

**PART 9. EXCAVATION, TRENCHING, AND SHORING**

**R 408.40925**  
Source: 1993 AACS.

**R 408.40932**  
Source: 1993 AACS.

**R 408.40934**  
Source: 1993 AACS.

**R 408.40943**  
Source: 1993 AACS.

**R 408.40944**  
Source: 1993 AACS.

**R 408.40945**  
Source: 1993 AACS.

**R 408.40946**  
Source: 1988 AACS.

**R 408.40951**  
Source: 1996 AACS.

**R 408.40953**  
Source: 1993 AACS.

**PART 10. LIFTING AND DIGGING EQUIPMENT**

**R 408.41001**  
Source: 1997 AACS.

**R 408.41001a**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1998-2000 AACS.

**R 408.41002a**

**Source:** 1995 AACS.

**R 408.41003a**

**Source:** 1995 AACS.

**R 408.41004**

**Source:** 1997 AACS.

**R 408.41004a**

**Source:** 1995 AACS.

**CRANES, DERRICKS, AND EXCAVATION EQUIPMENT**

**R 408.41005a**

**Source:** 1998-2000 AACS.

**R 408.41006a**

**Source:** 1998-2000 AACS.

**R 408.41007a**

**Source:** 1995 AACS.

**R 408.41008a**

**Source:** 1995 AACS.

**R 408.41009a**

**Source:** 1995 AACS.

**R 408.41010a**

**Source:** 1995 AACS.

**R 408.41011a**

**Source:** 1995 AACS.

**R 408.41012a**

**Source:** 1995 AACS.

**R 408.41013a**

**Source:** 1995 AACS.

**R 408.41014a**

**Source:** 1998-2000 AACS.

**R 408.41015a**

**Source:** 1998-2000 AACS.

**R 408.41016a**

**Source:** 1998-2000 AACS.

**R 408.41017a**

**Source:** 1995 AACS.

**R 408.41018a**

**Source:** 1998-2000 AACS.

**R 408.41019a**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1995 AACS.

**R 408.41020a**

**Source:** 1998-2000 AACS.

**R 408.41021a**

**Source:** 1995 AACS.

**R 408.41022a**

**Source:** 1995 AACS.

**R 408.41023a**

**Source:** 1998-2000 AACS.

**R 408.41024**

**Source:** 1997 AACS.

**R 408.41024a**

**Source:** 1995 AACS.

**R 408.41025**

**Source:** 1997 AACS.

**R 408.41025a**

**Source:** 1998-2000 AACS.

**R 408.41026**

**Source:** 1997 AACS.

**R 408.41026a**

**Source:** 1995 AACS.

**R 408.41027**

**Source:** 1997 AACS.

**R 408.41027a**

**Source:** 1995 AACS.

**R 408.41028**

**Source:** 1997 AACS.

**R 408.41028a**

**Source:** 1998-2000 AACS.

**R 408.41029a**

**Source:** 1995 AACS.

**R 408.41030**

**Source:** 1997 AACS.

**R 408.41030a**

**Source:** 1995 AACS.

**R 408.41031**

**Source:** 1997 AACS.

**R 408.41031a**

**Source:** 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41032a**  
Source: 1995 AACS.

**R 408.41033a**  
Source: 1998-2000 AACS.

**R 408.41051a**  
Source: 1995 AACS.

**MATERIAL AND PERSONNEL HOISTS (ELEVATORS)**

**R 408.41065a**  
Source: 1998-2000 AACS.

**R 408.41066a**  
Source: 1995 AACS.

**R 408.41067a**  
Source: 1995 AACS.

**R 408.41068a**  
Source: 1995 AACS.

**R 408.41069a**  
Source: 1995 AACS.

**R 408.41070a**  
Source: 1995 AACS.

**R 408.41070b**  
Source: 1998-2000 AACS.

**PERSONNEL HOISTS**

**R 408.41071a**  
Source: 1998-2000 AACS.

**R 408.41072a**  
Source: 1998-2000 AACS.

**R 408.41073a**  
Source: 1995 AACS.

**R 408.41074a**  
Source: 1995 AACS.

**R 408.41075a**  
Source: 1995 AACS.

**BASE-MOUNTED DRUM PERSONNEL HOISTS**

**R 408.41077a**  
Source: 1998-2000 AACS.

**R 408.41099a**  
Source: 1995 AACS.

**PART 11. FIXED AND PORTABLE LADDERS**

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41101**  
Source: 1993 AACS.

**R 408.41103**  
Source: 1993 AACS.

**R 408.41104**  
Source: 1993 AACS.

**R 408.41105**  
Source: 1993 AACS.

**R 408.41111**  
Source: 1993 AACS.

**R 408.41112**  
Source: 1993 AACS.

**R 408.41113**  
Source: 1993 AACS.

**R 408.41115**  
Source: 1993 AACS.

**R 408.41121**  
Source: 1993 AACS.

**R 408.41122**  
Source: 1993 AACS.

**R 408.41123**  
Source: 1993 AACS.

**R 408.41124**  
Source: 1993 AACS.

**R 408.41125**  
Source: 1993 AACS.

**R 408.41126**  
Source: 1993 AACS.

**R 408.41127**  
Source: 1996 AACS.

**R 408.41128**  
Source: 1990 AACS.

**R 408.41129**  
Source: 1990 AACS.

**R 408.41130**  
Source: 1990 AACS.

**R 408.41131**  
Source: 1990 AACS.

**R 408.41132**  
Source: 1990 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41133**  
Source: 1990 AACS.

**R 408.41140**  
Source: 1990 AACS.

**PART 12. SCAFFOLDS AND SCAFFOLD PLATFORMS**

**R 408.41201**  
Source: 1998-2000 AACS.

**R 408.41203**  
Source: 1998-2000 AACS.

**R 408.41204**  
Source: 1998-2000 AACS.

**R 408.41205**  
Source: 1998-2000 AACS.

**R 408.41206**  
Source: 1998-2000 AACS.

**R 408.41207**  
Source: 1998-2000 AACS.

**R 408.41208**  
Source: 1998-2000 AACS.

**R 408.41209**  
Source: 1998-2000 AACS.

**R 408.41210**  
Source: 1998-2000 AACS.

**R 408.41211**  
Source: 1998-2000 AACS.

**R 408.41212**  
Source: 1998-2000 AACS.

**R 408.41213**  
Source: 1998-2000 AACS.

**R 408.41214**  
Source: 1998-2000 AACS.

**R 408.41215**  
Source: 1981 AACS.

**R 408.41216**  
Source: 1981 AACS.

**R 408.41217**  
Source: 1998-2000 AACS.

**R 408.41218**  
Source: 1981 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41219**  
**Source:** 1998-2000 AACS.

**FLOOR AND GROUND SUPPORTED SCAFFOLDS**

**R 408.41221**  
**Source:** 1998-2000 AACS.

**R 408.41222**  
**Source:** 1981 AACS.

**R 408.41223**  
**Source:** 1998-2000 AACS.

**R 408.41224**  
**Source:** 1998-2000 AACS.

**R 408.41225**  
**Source:** 1981 AACS.

**R 408.41226**  
**Source:** 1981 AACS.

**R 408.41227**  
**Source:** 1998-2000 AACS.

**R 408.41228**  
**Source:** 1981 AACS.

**R 408.41229**  
**Source:** 1998-2000 AACS.

**SUSPENDED SCAFFOLDS**

**R 408.41231**  
**Source:** 1998-2000 AACS.

**R 408.41232**  
**Source:** 1990 AACS.

**R 408.41233**  
**Source:** 1998-2000 AACS.

**R 408.41234**  
**Source:** 1998-2000 AACS.

**R 408.41235**  
**Source:** 1998-2000 AACS.

**R 408.41236**  
**Source:** 1998-2000 AACS.

**R 408.41237**  
**Source:** 1996 AACS.

**R 408.41238**  
**Source:** 1996 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41239**  
Source: 1998-2000 AACS.

**R 408.41240**  
Source: 1998-2000 AACS.

**MOBILE SCAFFOLDS**

**R 408.41241**  
Source: 1998-2000 AACS.

**R 408.41242**  
Source: 1997 AACS.

**R 408.41243**  
Source: 1997 AACS.

**R 408.41244**  
Source: 1997 AACS.

**R 408.41245**  
Source: 1997 AACS.

**R 408.41246**  
Source: 1997 AACS.

**R 408.41251**  
Source: 1998-2000 AACS.

**AUXILIARY SUPPORTED SCAFFOLDS**

**R 408.41252**  
Source: 1997 AACS.

**R 408.41253**  
Source: 1981 AACS.

**R 408.41254**  
Source: 1981 AACS.

**R 408.41255**  
Source: 1990 AACS.

**R 408.41256**  
Source: 1981 AACS.

**R 408.41256a**  
Source: 1998-2000 AACS.

**R 408.41256b**  
Source: 1998-2000 AACS.

**R 408.41257**  
Source: 1997 AACS.

**R 408.41258**  
Source: 1997 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41259**  
Source: 1997 AACS.

**R 408.41260**  
Source: 1997 AACS.

**WIRE, FIBER, AND SYNTHETIC ROPE**

**R 408.41261**  
Source: 1998-2000 AACS.

**R 408.41262**  
Source: 1981 AACS.

**R 408.41263**  
Source: 1981 AACS.

**R 408.41264**  
Source: 1998-2000 AACS.

**PART 13. MOBILE EQUIPMENT**

**R 408.41301**  
Source: 1998-2000 AACS.

**PART 14. TUNNELS, SHAFTS, CAISSONS, AND COFFERDAMS**  
**GENERAL PROVISIONS**

**R 408.41401**  
Source: 1993 AACS.

**R 408.41454**  
Source: 1993 AACS.

**R 408.41455**  
Source: 1989 AACS.

**R 408.41456**  
Source: 1984 AACS.

**R 408.41462**  
Source: 1996 AACS.

**R 408.41463**  
Source: 1993 AACS.

**R 408.41464**  
Source: 1993 AACS.

**R 408.41465**  
Source: 1984 AACS.

**R 408.41466**  
Source: 1993 AACS.

**R 408.41467**  
Source: 1993 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**TUNNELS AND SHAFTS**

**R 408.41472**  
Source: 1996 AACS.

**R 408.41475**  
Source: 1993 AACS.

**R 408.41476**  
Source: 1993 AACS.

**R 408.41478**  
Source: 1996 AACS.

**R 408.41479**  
Source: 1996 AACS.

**COFFERDAMS AND CAISSONS**

**R 408.41481**  
Source: 1996 AACS.

**R 408.41482**  
Source: 1996 AACS.

**R 408.41483**  
Source: 1989 AACS.

**PART 16. POWER TRANSMISSION AND DISTRIBUTION**

**R 408.41601**  
Source: 1982 AACS.

**R 408.41625**  
Source: 1982 AACS.

**R 408.41626**  
Source: 1982 AACS.

**R 408.41627**  
Source: 1985 AACS.

**R 408.41628**  
Source: 1982 AACS.

**R 408.41629**  
Source: 1982 AACS.

**R 408.41630**  
Source: 1985 AACS.

**R 408.41631**  
Source: 1982 AACS.

**R 408.41632**  
Source: 1985 AACS.

**R 408.41633**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1985 AACS.

**R 408.41634**

**Source:** 1996 AACS.

**R 408.41635**

**Source:** 1982 AACS.

**R 408.41636**

**Source:** 1982 AACS.

**R 408.41637**

**Source:** 1982 AACS.

**R 408.41638**

**Source:** 1982 AACS.

**R 408.41639**

**Source:** 1982 AACS.

**R 408.41640**

**Source:** 1982 AACS.

**R 408.41641**

**Source:** 1982 AACS.

**R 408.41642**

**Source:** 1982 AACS.

**R 408.41643**

**Source:** 1982 AACS.

**R 408.41644**

**Source:** 1985 AACS.

**R 408.41645**

**Source:** 1985 AACS.

**R 408.41646**

**Source:** 1982 AACS.

**R 408.41647**

**Source:** 1985 AACS.

**R 408.41648**

**Source:** 1985 AACS.

**R 408.41649**

**Source:** 1985 AACS.

**R 408.41650**

**Source:** 1982 AACS.

**R 408.41651**

**Source:** 1982 AACS.

**R 408.41652**

**Source:** 1982 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41653**  
Source: 1982 AACS.

**R 408.41654**  
Source: 1982 AACS.

**R 408.41655**  
Source: 1982 AACS.

**R 408.41656**  
Source: 1982 AACS.

**R 408.41657**  
Source: 1982 AACS.

**R 408.41658**  
Source: 1982 AACS.

**PART 17. ELECTRICAL INSTALLATIONS**

**R 408.41733**  
Source: 1982 AACS.

**PART 18. FIRE PROTECTION AND PREVENTION**

**R 408.41801**  
Source: 1995 AACS.

**R 408.41836**  
Source: 1983 AACS.

**R 408.41837**  
Source: 1995 AACS.

**R 408.41838**  
Source: 1983 AACS.

**R 408.41841**  
Source: 1995 AACS.

**R 408.41842**  
Source: 1995 AACS.

**R 408.41850**  
Source: 1995 AACS.

**R 408.41851**  
Source: 1995 AACS.

**R 408.41852**  
Source: 1995 AACS.

**R 408.41853**  
Source: 1995 AACS.

**R 408.41854**  
Source: 1983 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41855**  
**Source:** 1983 AACS.

**R 408.41856**  
**Source:** 1983 AACS.

**R 408.41861**  
**Source:** 1983 AACS.

**R 408.41862**  
**Source:** 1983 AACS.

**R 408.41863**  
**Source:** 1983 AACS.

**R 408.41864**  
**Source:** 1995 AACS.

**R 408.41865**  
**Source:** 1983 AACS.

**R 408.41866**  
**Source:** 1995 AACS.

**R 408.41867**  
**Source:** 1983 AACS.

**R 408.41868**  
**Source:** 1983 AACS.

**R 408.41869**  
**Source:** 1995 AACS.

**R 408.41871**  
**Source:** 1995 AACS.

**R 408.41872**  
**Source:** 1983 AACS.

**R 408.41873**  
**Source:** 1983 AACS.

**R 408.41874**  
**Source:** 1983 AACS.

**R 408.41875**  
**Source:** 1983 AACS.

**R 408.41876**  
**Source:** 1995 AACS.

**R 408.41877**  
**Source:** 1983 AACS.

**R 408.41878**  
**Source:** 1983 AACS.

**R 408.41879**  
**Source:** 1983 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41881**  
Source: 1983 AACS.

**R 408.41882**  
Source: 1983 AACS.

**R 408.41883**  
Source: 1983 AACS.

**R 408.41884**  
Source: 1983 AACS.

**PART 19. TOOLS**

**R 408.41926**  
Source: 1989 AACS.

**R 408.41927**  
Source: 1989 AACS.

**R 408.41928**  
Source: 1989 AACS.

**R 408.41929**  
Source: 1989 AACS.

**R 408.41932**  
Source: 1989 AACS.

**R 408.41933**  
Source: 1989 AACS.

**R 408.41934**  
Source: 1989 AACS.

**R 408.41935**  
Source: 1995 AACS.

**R 408.41936**  
Source: 1982 AACS.

**R 408.41937**  
Source: 1989 AACS.

**R 408.41943**  
Source: 1982 AACS.

**R 408.41944**  
Source: 1997 AACS.

**R 408.41945**  
Source: 1997 AACS.

**R 408.41949**  
Source: 1997 AACS.

**R 408.41951**  
Source: 1989 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41955**  
**Source:** 1989 AACS.

**R 408.41957**  
**Source:** 1989 AACS.

**R 408.41958**  
**Source:** 1997 AACS.

**R 408.41959**  
**Source:** 1989 AACS.

**R 408.41960**  
**Source:** 1989 AACS.

**R 408.41961**  
**Source:** 1995 AACS.

**R 408.41962**  
**Source:** 1989 AACS.

**R 408.41963**  
**Source:** 1997 AACS.

**R 408.41964**  
**Source:** 1989 AACS.

**R 408.41966**  
**Source:** 1995 AACS.

**R 408.41970**  
**Source:** 1989 AACS.

**R 408.41971**  
**Source:** 1989 AACS.

**R 408.41972**  
**Source:** 1989 AACS.

**R 408.41973**  
**Source:** 1989 AACS.

**R 408.41974**  
**Source:** 1989 AACS.

**R 408.41975**  
**Source:** 1989 AACS.

**R 408.41976**  
**Source:** 1989 AACS.

**R 408.41977**  
**Source:** 1989 AACS.

**R 408.41978**  
**Source:** 1989 AACS.

**R 408.41979**  
**Source:** 1989 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.41980**  
**Source:** 1995 AACS.

**PART 20. DEMOLITION**

**R 408.42001**  
**Source:** 1981 AACS.

**R 408.42023**  
**Source:** 1998-2000 AACS.

**R 408.42031**  
**Source:** 1998-2000 AACS.

**R 408.42032**  
**Source:** 1996 AACS.

**R 408.42033**  
**Source:** 1981 AACS.

**R 408.42034**  
**Source:** 1981 AACS.

**R 408.42041**  
**Source:** 1996 AACS.

**R 408.42043**  
**Source:** 1981 AACS.

**R 408.42044**  
**Source:** 1981 AACS.

**R 408.42045**  
**Source:** 1981 AACS.

**R 408.42046**  
**Source:** 1981 AACS.

**R 408.42047**  
**Source:** 1981 AACS.

**PART 21. GUARDING OF WALKING AND WORKING AREAS**

**R 408.42101**  
**Source:** 1996 AACS.

**R 408.42121**  
**Source:** 1996 AACS.

**R 408.42122**  
**Source:** 1996 AACS.

**R 408.42123**  
**Source:** 1996 AACS.

**R 408.42127**  
**Source:** 1993 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.42128**  
Source: 1993 AACS.

**R 408.42129**  
Source: 1993 AACS.

**R 408.42130**  
Source: 1993 AACS.

**R 408.42131**  
Source: 1996 AACS.

**R 408.42140**  
Source: 1997 AACS.

**R 408.42141**  
Source: 1997 AACS.

**R 408.42142**  
Source: 1997 AACS.

**R 408.42143**  
Source: 1997 AACS.

**R 408.42144**  
Source: 1997 AACS.

**R 408.42145**  
Source: 1996 AACS.

**R 408.42146**  
Source: 1997 AACS.

**R 408.42147**  
Source: 1997 AACS.

**R 408.42148**  
Source: 1997 AACS.

**R 408.42149**  
Source: 1989 AACS.

**R 408.42150**  
Source: 1996 AACS.

**R 408.42151**  
Source: 1997 AACS.

**R 408.42152**  
Source: 1997 AACS.

**R 408.42153**  
Source: 1997 AACS.

**R 408.42154**  
Source: 1989 AACS.

**R 408.42155**  
Source: 1993 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.42156**  
Source: 1993 AACS.

**R 408.42157**  
Source: 1993 AACS.

**R 408.42158**  
Source: 1997 AACS.

**R 408.42159**  
Source: 1989 AACS.

**R 408.42160**  
Source: 1996 AACS.

**PART 22. SIGNALS, SIGNS, TAGS, AND BARRICADES**

**R 408.42201**  
Source: 2001 AACS.

**R 408.42210**  
Source: 1997 AACS.

**R 408.42211**  
Source: 2001 AACS.

**R 408.42213**  
Source: 2001 AACS.

**R 408.42221**  
Source: 2001 AACS.

**R 408.42222**  
Source: 2001 AACS.

**R 408.42223**  
Source: 2001 AACS.

**R 408.42224**  
Source: 2001 AACS.

**R 408.42225**  
Source: 2001 AACS.

**R 408.42229**  
Source: 2001 AACS.

**R 408.42230**  
Source: 2001 AACS.

**R 408.42231**  
Source: 1995 AACS.

**R 408.42232**  
Source: 1997 AACS.

**R 408.42233**  
Source: 2001 AACS.

**R 408.42238**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1995 AACS.

**R 408.42243**

**Source:** 1995 AACS.

**PART 24. TAR KETTLES**

**R 408.42401**

**Source:** 1991 AACS.

**R 408.42403**

**Source:** 1981 AACS.

**R 408.42404**

**Source:** 1981 AACS.

**R 408.42407**

**Source:** 1996 AACS.

**PART 25. CONCRETE CONSTRUCTION**

**R 408.42501**

**Source:** 1993 AACS.

**R 408.42516**

**Source:** 1993 AACS.

**R 408.42517**

**Source:** 1989 AACS.

**R 408.42518**

**Source:** 1996 AACS.

**R 408.42519**

**Source:** 1980 AACS.

**R 408.42520**

**Source:** 1996 AACS.

**R 408.42521**

**Source:** 1996 AACS.

**R 408.42522**

**Source:** 1989 AACS.

**R 408.42523**

**Source:** 1989 AACS.

**R 408.42524**

**Source:** 1989 AACS.

**R 408.42525**

**Source:** 1980 AACS.

**R 408.42526**

**Source:** 1980 AACS.

**R 408.42527**

**Source:** 1989 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.42528**  
Source: 1989 AACS.

**R 408.42531**  
Source: 1989 AACS.

**R 408.42532**  
Source: 1993 AACS.

**R 408.42533**  
Source: 1998-2000 AACS.

**R 408.42534**  
Source: 1989 AACS.

**R 408.42535**  
Source: 1989 AACS.

**PART 26. STEEL AND PRECAST ERECTION**

**R 408.42601**  
Source: 1985 AACS.

**R 408.42606**  
Source: 1985 AACS.

**R 408.42609**  
Source: 1985 AACS.

**R 408.42610**  
Source: 1985 AACS.

**R 408.42611**  
Source: 1997 AACS.

**R 408.42612**  
Source: 1997 AACS.

**R 408.42613**  
Source: 1997 AACS.

**R 408.42614**  
Source: 1985 AACS.

**R 408.42615**  
Source: 1985 AACS.

**R 408.42617**  
Source: 1985 AACS.

**R 408.42618**  
Source: 1985 AACS.

**R 408.42621**  
Source: 1985 AACS.

**R 408.42623**  
Source: 1985 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.42630**  
Source: 1985 AACS.

**R 408.42632**  
Source: 1985 AACS.

**R 408.42640**  
Source: 1985 AACS.

**R 408.42642**  
Source: 1985 AACS.

**R 408.42650**  
Source: 1985 AACS.

**R 408.42654**  
Source: 1985 AACS.

**R 408.42656**  
Source: 1985 AACS.

**PART 27. BLASTING AND USE OF EXPLOSIVES**

**R 408.42701**  
Source: 1982 AACS.

**R 408.42724**  
Source: 1982 AACS.

**R 408.42725**  
Source: 1982 AACS.

**R 408.42726**  
Source: 1982 AACS.

**R 408.42727**  
Source: 1982 AACS.

**R 408.42728**  
Source: 1982 AACS.

**R 408.42731**  
Source: 1982 AACS.

**R 408.42732**  
Source: 1982 AACS.

**R 408.42733**  
Source: 1982 AACS.

**R 408.42734**  
Source: 1982 AACS.

**R 408.42735**  
Source: 1988 AACS.

**R 408.42737**  
Source: 1982 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 408.42741**  
Source: 1994 AACS.

**R 408.42742**  
Source: 1982 AACS.

**R 408.42743**  
Source: 1982 AACS.

**R 408.42744**  
Source: 1982 AACS.

**R 408.42751**  
Source: 1982 AACS.

**R 408.42752**  
Source: 1982 AACS.

**R 408.42753**  
Source: 1982 AACS.

**R 408.42754**  
Source: 1982 AACS.

**R 408.42755**  
Source: 1982 AACS.

**R 408.42756**  
Source: 1982 AACS.

**R 408.42757**  
Source: 1982 AACS.

**R 408.42758**  
Source: 1982 AACS.

**R 408.42759**  
Source: 1982 AACS.

**R 408.42761**  
Source: 1982 AACS.

**R 408.42762**  
Source: 1982 AACS.

**R 408.42763**  
Source: 1982 AACS.

**R 408.42799**  
Source: 1988 AACS.

**PART 30. TELECOMMUNICATIONS**

**R 408.43005**  
Source: 1982 AACS.

**PART 31. DIVING OPERATIONS**

**R 408.43106**



**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1994 AACS.

**R 408.43109**

**Source:** 1994 AACS.

**R 408.43121**

**Source:** 1994 AACS.

**R 408.43155**

**Source:** 1994 AACS.

**R 408.43156**

**Source:** 1994 AACS.

**R 408.43162**

**Source:** 1994 AACS.

**PART 32. AERIAL WORK PLATFORMS**

**R 408.43201**

**Source:** 1992 AACS.

**R 408.43202**

**Source:** 1998-2000 AACS.

**R 408.43203**

**Source:** 1992 AACS.

**R 408.43204**

**Source:** 1992 AACS.

**R 408.43205**

**Source:** 1998-2000 AACS.

**R 408.43206**

**Source:** 1998-2000 AACS.

**R 408.43207**

**Source:** 1992 AACS.

**R 408.43208**

**Source:** 1992 AACS.

**R 408.43209**

**Source:** 1998-2000 AACS.

**R 408.43210**

**Source:** 1992 AACS.

**PART 42. HAZARD COMMUNICATION**

**R 408.44201**

**Source:** 1995 AACS.

**R 408.44202**

**Source:** 1995 AACS.

**R 408.44203**

**Source:** 1995 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**PART 45. FALL PROTECTION**

**R 408.44501**  
**Source:** 1996 AACS.

**R 408.44502**  
**Source:** 1996 AACS.

**PART 51. AGRICULTURAL TRACTORS**

**R 408.45101**  
**Source:** 1997 AACS.

**PART 91. PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS**

**R 408.49101**  
**Source:** 1998-2000 AACS.

**DEPARTMENT OF EDUCATION**  
**VOCATIONAL-TECHNICAL EDUCATION SERVICE**  
**STANDARDS FOR ISSUANCE OF WORK PERMITS**

**R 409.1**  
**Source:** 1980 AACS.

**R 409.2**  
**Source:** 1980 AACS.

**R 409.3**  
**Source:** 1980 AACS.

**R 409.4**  
**Source:** 1980 AACS.

**R 409.5**  
**Source:** 1980 AACS.

**R 409.6**  
**Source:** 1980 AACS.

**DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES**  
**DIRECTOR'S OFFICE**  
**WORKER'S COMPENSATION APPELLATE COMMISSION**  
**ADMINISTRATIVE APPELLATE PROCEDURE**

**R 418.1**  
**Source:** 1991 AACS.

**R 418.2**  
**Source:** 1991 AACS.

**R 418.3**  
**Source:** 1991 AACS.

**R 418.4**  
**Source:** 1991 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.5**  
Source: 1991 AACS.

**R 418.6**  
Source: 1991 AACS.

**R 418.7**  
Source: 1991 AACS.

**R 418.8**  
Source: 1991 AACS.

**WORKER'S COMPENSATION BOARD OF MAGISTRATES**

**R 418.51**  
Source: 1996 AACS.

**R 418.52**  
Source: 1996 AACS.

**R 418.53**  
Source: 1996 AACS.

**R 418.54**  
Source: 1996 AACS.

**R 418.55**  
Source: 1996 AACS.

**R 418.56**  
Source: 1996 AACS.

**R 418.57**  
Source: 1996 AACS.

**R 418.58**  
Source: 1996 AACS.

**BUREAU OF WORKER'S DISABILITY COMPENSATION**

**WORKER'S COMPENSATION HEALTH CARE SERVICES**

**PART 1. GENERAL PROVISIONS**

**R 418.101**  
Source: 1998-2000 AACS.

**R 418.102**  
Source: 1998-2000 AACS.

**R 418.103**  
Source: 1998-2000 AACS.

**R 418.104**  
Source: 1998-2000 AACS.

**R 418.105**  
Source: 1998-2000 AACS.

**R 418.106**

**Annual Administrative Code Supplement**  
**2002 Edition**

**Source:** 1998-2000 AACs.

**R 418.107**

**Source:** 1998-2000 AACs.

**R 418.108**

**Source:** 1998-2000 AACs.

**R 418.109**

**Source:** 1998-2000 AACs.

**R 418.110**

**Source:** 1998-2000 AACs.

**R 418.111**

**Source:** 1998-2000 AACs.

**R 418.112**

**Source:** 1998-2000 AACs.

**R 418.113**

**Source:** 1998-2000 AACs.

**R 418.114**

**Source:** 1998-2000 AACs.

**R 418.115**

**Source:** 1998-2000 AACs.

**R 418.116**

**Source:** 1998-2000 AACs.

**R 418.117**

**Source:** 1998-2000 AACs.

**R 418.118**

**Source:** 1998-2000 AACs.

**R 418.119**

**Source:** 1998-2000 AACs.

**R 418.120**

**Source:** 1998-2000 AACs.

**R 418.121**

**Source:** 1998-2000 AACs.

**R 418.122**

**Source:** 1998-2000 AACs.

**R 418.123**

**Source:** 1998-2000 AACs.

**R 418.124**

**Source:** 1998-2000 AACs.

**R 418.125**

**Source:** 1998-2000 AACs.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.126**  
Source: 1998-2000 AACS.

**R 418.127**  
Source: 1998-2000 AACS.

**R 418.128**  
Source: 1998-2000 AACS.

**R 418.129**  
Source: 1998-2000 AACS.

**R 418.130**  
Source: 1998-2000 AACS.

**R 418.131**  
Source: 1998-2000 AACS.

**R 418.132**  
Source: 1998-2000 AACS.

**PART 2. MEDICINE AND EVALUATION AND MANAGEMENT SERVICES**

**R 418.201**  
Source: 1998-2000 AACS.

**R 418.202**  
Source: 1998-2000 AACS.

**R 418.203**  
Source: 1998-2000 AACS.

**R 418.204**  
Source: 1998-2000 AACS.

**R 418.205**  
Source: 1998-2000 AACS.

**R 418.206**  
Source: 1998-2000 AACS.

**R 418.207**  
Source: 1998-2000 AACS.

**R 418.208**  
Source: 1998-2000 AACS.

**R 418.209**  
Source: 1998-2000 AACS.

**R 418.210**  
Source: 1998-2000 AACS.

**R 418.211**  
Source: 1998-2000 AACS.

**R 418.212**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.213**  
Source: 1998-2000 AACS.

**R 418.214**  
Source: 1998-2000 AACS.

**R 418.215**  
Source: 1998-2000 AACS.

**R 418.216**  
Source: 1998-2000 AACS.

**PART 3. ANESTHESIA**

**R 418.301**  
Source: 1998-2000 AACS.

**R 418.302**  
Source: 1998-2000 AACS.

**R 418.303**  
Source: 1998-2000 AACS.

**R 418.304**  
Source: 1998-2000 AACS.

**R 418.305**  
Source: 1998-2000 AACS.

**R 418.306**  
Source: 1998-2000 AACS.

**R 418.307**  
Source: 1998-2000 AACS.

**R 418.308**  
Source: 1998-2000 AACS.

**R 418.309**  
Source: 1998-2000 AACS.

**PART 4. SURGERY**

**R 418.401**  
Source: 1998-2000 AACS.

**R 418.402**  
Source: 1998-2000 AACS.

**R 418.403**  
Source: 1998-2000 AACS.

**R 418.404**  
Source: 1998-2000 AACS.

**R 418.405**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.406**  
Source: 1998-2000 AACS.

**R 418.407**  
Source: 1998-2000 AACS.

**R 418.408**  
Source: 1998-2000 AACS.

**R 418.409**  
Source: 1998-2000 AACS.

**R 418.410**  
Source: 1998-2000 AACS.

**R 418.411**  
Source: 1998-2000 AACS.

**R 418.412**  
Source: 1998-2000 AACS.

**R 418.413**  
Source: 1998-2000 AACS.

**R 418.414**  
Source: 1998-2000 AACS.

**R 418.415**  
Source: 1998-2000 AACS.

**R 418.416**  
Source: 1998-2000 AACS.

**R 418.417**  
Source: 1998-2000 AACS.

**R 418.418**  
Source: 1998-2000 AACS.

**PART 5. RADIOLOGY, RADIATION THERAPY, AND NUCLEAR MEDICINE**

**R 418.501**  
Source: 1998-2000 AACS.

**R 418.502**  
Source: 1998-2000 AACS.

**R 418.503**  
Source: 1998-2000 AACS.

**R 418.504**  
Source: 1998-2000 AACS.

**R 418.505**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.506**  
Source: 1998-2000 AACS.

**R 418.507**  
Source: 1998-2000 AACS.

**R 418.508**  
Source: 1998-2000 AACS.

**R 418.509**  
Source: 1998-2000 AACS.

**PART 6. PATHOLOGY AND LABORATORY**

**R 418.601**  
Source: 1998-2000 AACS.

**R 418.602**  
Source: 1998-2000 AACS.

**R 418.603**  
Source: 1998-2000 AACS.

**R 418.604**  
Source: 1998-2000 AACS.

**R 418.605**  
Source: 1998-2000 AACS.

**R 418.606**  
Source: 1998-2000 AACS.

**R 418.607**  
Source: 1998-2000 AACS.

**R 418.608**  
Source: 1998-2000 AACS.

**R 418.609**  
Source: 1998-2000 AACS.

**R 418.610**  
Source: 1998-2000 AACS.

**R 418.611**  
Source: 1998-2000 AACS.

**R 418.612**  
Source: 1998-2000 AACS.

**PART 7. DENTAL**

**R 418.701**  
Source: 1998-2000 AACS.

**R 418.702**  
Source: 1998-2000 AACS.



**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.703**  
Source: 1998-2000 AACS.

**R 418.704**  
Source: 1998-2000 AACS.

**R 418.705**  
Source: 1998-2000 AACS.

**PART 8. AMBULANCE SERVICE**

**R 418.801**  
Source: 1998-2000 AACS.

**R 418.802**  
Source: 1998-2000 AACS.

**PART 9. HOME HEALTH AGENCY**

**R 418.901**  
Source: 1998-2000 AACS.

**R 418.902**  
Source: 1998-2000 AACS.

**R 418.903**  
Source: 1998-2000 AACS.

**R 418.904**  
Source: 1998-2000 AACS.

**R 418.905**  
Source: 1998-2000 AACS.

**PART 10. PHARMACY AND MEDICAL SUPPLY SERVICE**

**R 418.1001**  
Source: 1998-2000 AACS.

**R 418.1002**  
Source: 1998-2000 AACS.

**R 418.1003**  
Source: 1998-2000 AACS.

**R 418.1004**  
Source: 1998-2000 AACS.

**R 418.1005**  
Source: 1998-2000 AACS.

**R 418.1006**  
Source: 1998-2000 AACS.

**R 418.1007**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**PART 11. OCCUPATIONAL THERAPY AND PHYSICAL THERAPY**

**R 418.1101**  
Source: 1998-2000 AACCS.

**R 418.1102**  
Source: 1998-2000 AACCS.

**R 418.1103**  
Source: 1998-2000 AACCS.

**R 418.1104**  
Source: 1998-2000 AACCS.

**R 418.1105**  
Source: 1998-2000 AACCS.

**R 418.1106**  
Source: 1998-2000 AACCS.

**PART 12. ORTHOTIC AND PROSTHETIC EQUIPMENT**

**R 418.1201**  
Source: 1998-2000 AACCS.

**R 418.1202**  
Source: 1998-2000 AACCS.

**R 418.1203**  
Source: 1998-2000 AACCS.

**R 418.1204**  
Source: 1998-2000 AACCS.

**PART 13. HEARING SERVICE**

**R 418.1301**  
Source: 1998-2000 AACCS.

**R 418.1302**  
Source: 1998-2000 AACCS.

**PART 14. VISION AND PROSTHETIC OPTICAL SERVICE**

**R 418.1401**  
Source: 1998-2000 AACCS.

**R 418.1402**  
Source: 1998-2000 AACCS.

**PART 15. MISCELLANEOUS SUPPLIER**

**R 418.1501**  
Source: 1998-2000 AACCS.

**R 418.1502**  
Source: 1998-2000 AACCS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.1503**  
Source: 1998-2000 AACS.

**PART 16. FACILITY SERVICE**

**R 418.1601**  
Source: 1998-2000 AACS.

**R 418.1602**  
Source: 1998-2000 AACS.

**R 418.1603**  
Source: 1998-2000 AACS.

**R 418.1604**  
Source: 1998-2000 AACS.

**R 418.1605**  
Source: 1998-2000 AACS.

**R 418.1606**  
Source: 1998-2000 AACS.

**R 418.1607**  
Source: 1998-2000 AACS.

**R 418.1608**  
Source: 1998-2000 AACS.

**R 418.1609**  
Source: 1998-2000 AACS.

**R 418.1610**  
Source: 1998-2000 AACS.

**R 418.1611**  
Source: 1998-2000 AACS.

**R 418.1612**  
Source: 1998-2000 AACS.

**R 418.1613**  
Source: 1998-2000 AACS.

**R 418.1614**  
Source: 1998-2000 AACS.

**R 418.1615**  
Source: 1998-2000 AACS.

**R 418.1616**  
Source: 1998-2000 AACS.

**R 418.1617**  
Source: 1998-2000 AACS.

**PART 17. TECHNICAL AND PROFESSIONAL HEALTH CARE REVIEW**

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.1701**  
Source: 1998-2000 AACS.

**R 418.1702**  
Source: 1998-2000 AACS.

**R 418.1703**  
Source: 1998-2000 AACS.

**R 418.1704**  
Source: 1998-2000 AACS.

**R 418.1705**  
Source: 1998-2000 AACS.

**R 418.1706**  
Source: 1998-2000 AACS.

**R 418.1707**  
Source: 1998-2000 AACS.

**R 418.1708**  
Source: 1998-2000 AACS.

**PART 18. DATA ACQUISITION FROM CARRIERS, PROVIDERS, AND FACILITIES**

**R 418.1801**  
Source: 1998-2000 AACS.

**R 418.1802**  
Source: 1998-2000 AACS.

**R 418.1803**  
Source: 1998-2000 AACS.

**R 418.1804**  
Source: 1998-2000 AACS.

**PART 19. PROCESS FOR RESOLVING DIFFERENCES  
BETWEEN CARRIER AND PROVIDER REGARDING BILL**

**R 418.1901**  
Source: 1998-2000 AACS.

**R 418.1902**  
Source: 1998-2000 AACS.

**R 418.1903**  
Source: 1998-2000 AACS.

**R 418.1904**  
Source: 1998-2000 AACS.

**R 418.1905**  
Source: 1998-2000 AACS.

**PART 20. RECONSIDERATION AND APPEAL OF ACTIONS OF  
REGARDING HOSPITAL'S MAXIMUM PAYMENT RATIO AND**

**CERTIFICATION OF CARRIER'S PROFESSIONAL REVIEW PROGRAM**

- R 418.2001**  
Source: 1998-2000 AACS.
- R 418.2002**  
Source: 1998-2000 AACS.
- R 418.2003**  
Source: 1998-2000 AACS.
- R 418.2004**  
Source: 1998-2000 AACS.
- R 418.2005**  
Source: 1998-2000 AACS.

**PART 21. PAYMENT**

- R 418.2101**  
Source: 1998-2000 AACS.
- R 418.2102**  
Source: 1998-2000 AACS.
- R 418.2103**  
Source: 1998-2000 AACS.
- R 418.2104**  
Source: 1998-2000 AACS.
- R 418.2105**  
Source: 1998-2000 AACS.
- R 418.2106**  
Source: 1998-2000 AACS.
- R 418.2107**  
Source: 1998-2000 AACS.
- R 418.2108**  
Source: 1998-2000 AACS.
- R 418.2109**  
Source: 1998-2000 AACS.
- R 418.2110**  
Source: 1998-2000 AACS.
- R 418.2111**  
Source: 1998-2000 AACS.
- R 418.2112**  
Source: 1998-2000 AACS.
- R 418.2113**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.2114**  
Source: 1998-2000 AACS.

**R 418.2115**  
Source: 1998-2000 AACS.

**R 418.2116**  
Source: 1998-2000 AACS.

**R 418.2117**  
Source: 1998-2000 AACS.

**R 418.2118**  
Source: 1998-2000 AACS.

**R 418.2119**  
Source: 1998-2000 AACS.

**PART 22. BILLING BY PRACTITIONER OR HEALTH CARE ORGANIZATION**

**R 418.2201**  
Source: 1998-2000 AACS.

**R 418.2202**  
Source: 1998-2000 AACS.

**R 418.2203**  
Source: 1998-2000 AACS.

**R 418.2204**  
Source: 1998-2000 AACS.

**R 418.2205**  
Source: 1998-2000 AACS.

**R 418.2206**  
Source: 1998-2000 AACS.

**PART 23. FEE SCHEDULE**

**R 418.2301**  
Source: 1998-2000 AACS.

**R 418.2302**  
Source: 1998-2000 AACS.

**R 418.2303**  
Source: 1998-2000 AACS.

**R 418.2304**  
Source: 1998-2000 AACS.

**R 418.2305**  
Source: 1998-2000 AACS.

**R 418.2306**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.2307**  
Source: 1998-2000 AACS.

**R 418.2308**  
Source: 1998-2000 AACS.

**R 418.2308a**  
Source: 1998-2000 AACS.

**R 418.2309**  
Source: 1998-2000 AACS.

**R 418.2310**  
Source: 1998-2000 AACS.

**R 418.2311**  
Source: 1998-2000 AACS.

**R 418.2312**  
Source: 1998-2000 AACS.

**R 418.2313**  
Source: 1998-2000 AACS.

**R 418.2314**  
Source: 1998-2000 AACS.

**R 418.2315**  
Source: 1998-2000 AACS.

**R 418.2316**  
Source: 1998-2000 AACS.

**R 418.2317**  
Source: 1998-2000 AACS.

**R 418.2318**  
Source: 1998-2000 AACS.

**R 418.2319**  
Source: 1998-2000 AACS.

**R 418.2320**  
Source: 1998-2000 AACS.

**R 418.2321**  
Source: 1998-2000 AACS.

**R 418.2322**  
Source: 1998-2000 AACS.

**R 418.2323**  
Source: 1998-2000 AACS.

**R 418.2324**  
Source: 1998-2000 AACS.

**Annual Administrative Code Supplement**  
**2002 Edition**

**R 418.2325**

**Source:** 1998-2000 AACs.